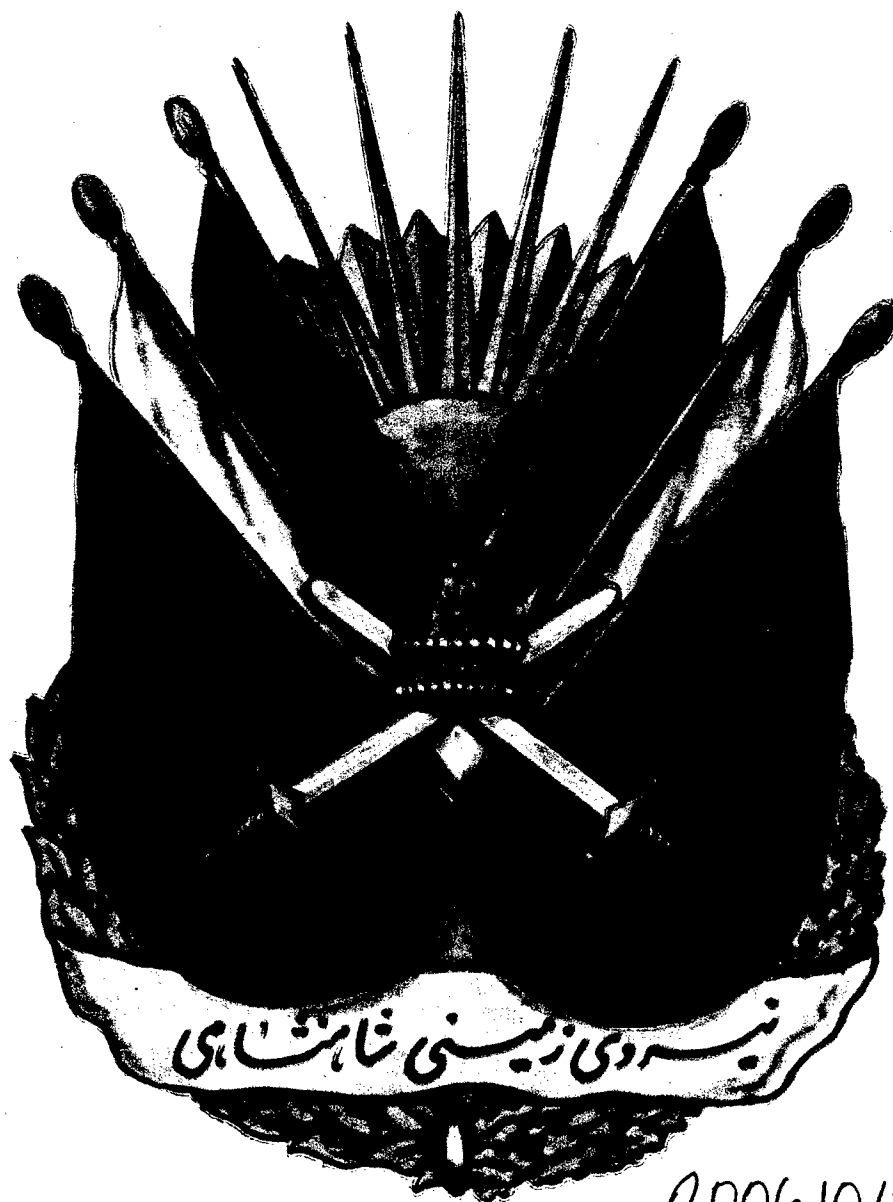


2451
A DA 035650 - 01

فیروی زمینی شاهنشاهی

مرکز تحقیقات و ارزیابی رزمی

IMPERIAL IRANIAN GROUND FORCES
COMBAT RESEARCH AND EVALUATION CENTER



20061017037

ANTHROPOMETRIC SURVEY
OF THE
IMPERIAL IRANIAN ARMED FORCES
VOLUME II

Table 1

	Army		Air Force		Navy		Total	
	A. Wears Glasses							
Yes	196	2.5%	29	3.7%	8	1.1%	233	2.5%
No	7,687	97.5%	761	96.3%	732	98.9%	9,180	97.5%
	7,883		790		740		9,413	
	B. Vision							
Normal	7,620	96.7%	763	96.7%	729	98.5%	9,112	96.9%
Abnormal	259	3.3%	26	3.3%	11	1.5%	296	3.1%
	7,881		789		740		9,408	
	C. Color Perception							
Normal	7,821	99.2%	785	99.5%	738	99.7%	9,344	99.3%
Abnormal	61	0.8%	4	0.5%	2	0.3%	67	0.7%
	7,882		789		740		9,411	

Table 2

	Army		Air Force		Navy		Total	
A. Handedness								
Right handed	7,648	97.1%	777	98.4%	701	94.7%	9,126	97.0%
Left handed	169	2.1%	5	0.6%	31	4.2%	205	2.2%
Ambidextrous	60	0.8%	8	1.0%	8	1.1%	76	0.8%
	7,877		790		740		9,407	
B. Relative Toe Length (right foot)								
First toe is longer	5,085	64.6%	518	65.5%	520	70.5%	6,123	65.1%
Second Toe is longer	1,648	20.9%	164	20.8%	125	16.9%	1,937	20.6%
First and Second Toes are equal	1,143	14.5%	108	13.7%	93	12.6%	1,344	14.3%
	7,876		790		738		9,404	

Table 3

	Army		Air Force		Navy		Total	
A. Number of Older Brothers								
0	3,744	47.5%	407	51.5%	358	48.4%	4,509	47.9%
1	2,196	27.8%	222	28.1%	195	26.4%	2,613	27.7%
2	1,158	14.7%	101	12.8%	104	14.1%	1,363	14.5%
3	474	6.0%	34	4.3%	55	7.4%	563	6.0%
4	208	2.6%	18	2.3%	18	2.4%	244	2.6%
5	69	0.9%	6	0.8%	4	0.5%	79	0.8%
6	24	0.3%	2	0.2%	4	0.5%	30	0.3%
7	7	0.1%			2	0.3%	9	0.1%
8	2						2	0.0%
9	1						1	0.0%
10	1						1	0.0%
	7,884		790		740		9,414	
B. Number of Younger Brothers								
0	2,362	30.0%	241	30.6%	219	29.6%	2,822	30.0%
1	2,059	26.1%	205	25.9%	189	25.5%	2,453	26.1%
2	1,589	20.2%	179	22.7%	150	20.3%	1,918	20.4%
3	1,041	13.2%	93	11.7%	90	12.2%	1,224	13.0%
4	512	6.5%	47	6.0%	63	8.5%	622	6.6%
5	213	2.7%	22	2.8%	18	2.4%	253	2.7%
6	73	0.9%	3	0.3%	9	1.2%	85	0.9%
7	27	0.3%			2	0.3%	29	0.3%
8	6	0.1%					6	0.0%
9	0						0	
10	0						0	
11	2						2	0.0%
	7,884		790		740		9,414	

Table 4

	Army		Air Force		Navy		Total	
A. Number of Older Sisters								
0	3,637	46.1%	391	49.5%	354	47.8%	4,382	46.5%
1	2,315	29.4%	225	28.5%	214	28.9%	2,754	29.3%
2	1,168	14.8%	102	12.9%	107	14.5%	1,377	14.6%
3	475	6.0%	51	6.5%	49	6.6%	575	6.1%
4	187	2.4%	16	2.0%	9	1.2%	212	2.3%
5	71	0.9%	4	0.5%	5	0.7%	80	0.8%
6	23	0.3%	0		1		24	0.3%
7	6	0.1%	0		0		6	0.1%
8	1		0		1		2	
9	0		1	0.1%			1	
10	1						1	
	7,884		790		740		9,414	
B. Number of Younger Sisters								
0	2,791	35.4%	274	34.7%	236	32.0%	3,301	35.1%
1	2,125	27.0%	205	25.9%	212	28.6%	2,542	27.0%
2	1,505	19.1%	148	18.7%	133	18.0%	1,786	19.0%
3	862	10.9%	96	12.2%	98	13.2%	1,056	11.2%
4	389	4.9%	39	4.9%	34	4.6%	462	4.9%
5	149	1.9%	21	2.7%	21	2.8%	191	2.0%
6	41	0.5%	5	0.6%	3	0.4%	49	0.5%
7	19		1		2	0.3%	22	0.2%
8	1		0		1	0.1%	2	
9	1		0				1	
10	0		0				0	
11	0		1				1	
12	0						0	
13	1						1	
	7,884		790		740		9,414	

Table 5

Marital Status

	Army		Air Force		Navy		Total	
	A. Number of wives at present							
0	5,155	65.4%	330	41.8%	467	63.1%	5,952	63.2%
1	2,717	34.5%	457	57.8%	273	36.9%	3,447	36.6%
2	12	0.1%	3	0.4%	0		15	0.2%
	7,884		790		740		9,414	

B. Number of wives divorced								
0	7,786	98.8%	756	95.7%	734	99.2%	9,276	98.5%
1	84	1.1%	32	4.1%	6	0.8%	122	1.3%
2	11	0.1%	1	0.1%			12	0.2%
3	3		1	0.1%			4	
	7,884		790		740		9,414	

Table 6

	Army		Air Force		Navy		Total	
	First Language							
Farsi	5,441	69.1%	687	87.0%	673	90.9%	6,801	72.3%
Kurdi	505	6.4%	5	0.6%	24	3.3%	534	5.7%
Luri	151	1.9%	3	0.4%	6	0.9%	160	1.7%
Baluchi	18	0.2%	0		0		18	0.2%
Azerbaijan Turki	1,611	20.5%	93	11.8%	29	3.9%	1,733	18.4%
Other Turki	112	1.4%	1	0.1%	0		113	1.2%
Arabic	18	0.2%	0		1	0.1%	19	0.2%
Armenian	8	0.1%	0		7	0.9%	15	0.2%
Assyrian	2		0		0		2	
English	1		0		0		1	
French	0		0		0		0	
German	0		0		0		0	
Russian	0		0		0		0	
Other	10	0.2%	1	0.1%	0		11	0.1%
	7,877		790		740		9,407	

Table 7

	Army		Air Force		Navy		Total	
	Second Language							
None	4,677	59.3%	244	30.9%	317	42.8%	5,238	55.6%
Farsi	1,319	16.7%	103	13.0%	68	9.2%	1,490	15.8%
Kurdi	100	1.3%	18	2.3%	10	1.4%	128	1.4%
Luri	82	1.0%	3	0.4%	6	0.8%	91	1.0%
Baluchi,	35	0.4%	1	0.1%	0		36	0.4%
Azerbaijan Turki	327	4.2%	60	7.6%	87	11.8%	474	5.0%
Other Turki	368	4.7%	36	4.6%	66	8.9%	470	5.0%
Arabic	148	1.9%	0		19	2.6%	167	1.8%
Armenian	5	0.1%	0		3	0.4%	8	0.1%
Assyrian	4	0.1%	0		0		4	0.0%
English	743	9.4%	323	40.9%	126	17.0%	1,192	12.7%
French	41	0.5%	0		4	0.5%	45	0.5%
German	9	0.1%	1	0.1%	0		10	0.1%
Russian	0		1	0.1%	0		1	0.0%
Other	26	0.3%	0		34	4.6%	60	0.6%
	7,884		790		740		9,414	

Table 8

	Army		Air Force		Navy		Total	
	Third Language							
None	7,352	93.3%	650	82.3%	644	87.0%	8,646	91.8%
Farsi	18	0.2%	0		0		18	0.2%
Kurdi	65	0.8%	3	0.4%	4	0.5%	72	0.8%
Luri	16	0.2%	0		2	0.3%	18	0.2%
Baluchi	1	0.0%	0		1	0.1%	2	0.0%
Azerbaijan Turki	72	9.0%	11	1.4%	6	0.8%	89	0.9%
Other Turki	26	0.3%	6	0.8%	9	1.2%	41	0.4%
Arabic	15	0.2%	3	0.4%	2	0.3%	20	0.2%
Armenian	8	0.1%	1	0.1%	1	0.1%	10	0.1%
Assyrian	2	0.0%	0		0		2	0.0%
English	241	3.1%	106	13.4%	55	7.4%	402	4.3%
French	40	0.5%	8	1.0%	4	0.5%	52	0.6%
German	10	0.1%	2	0.3%	1	0.1%	13	0.1%
Russian	5	0.1%	0		1	0.1%	6	0.1%
Other	13	0.2%	0		10	1.4%	23	0.3%
	7,884		790		740		9,414	

Table 9

	Army		Air Force		Navy		Total	
	Years of School completed							
	Maktab							
0	7,562	95.9%	759	96.1%	719	97.2%	9,040	96.0%
1	121	1.5%	10	1.3%	11	1.5%	142	1.5%
2	101	1.3%	13	1.6%	4	0.5%	118	1.3%
3	44	0.6%	1	0.1%	3	0.4%	48	0.5%
4	15	0.2%	6	0.8%	3	0.4%	24	0.3%
5	21	0.3%	1	0.1%			22	0.2%
6	8	0.1%					8	0.1%
7	9	0.1%					9	0.1%
8	0						0	
9	3	0.0%					3	0.0%
	7,884		790		740		9,414	
	Elementary School							
0	3,311	42.0%	3	0.4%	88	11.8%	3,402	36.1%
1	52	0.7%	2	0.3%	4	0.5%	58	0.6%
2	227	2.9%	4	0.5%	14	1.8%	245	2.6%
3	170	2.2%	2	0.3%	8	1.1%	180	1.9%
4	266	3.4%	3	0.4%	11	1.5%	280	3.0%
5	255	3.2%	11	1.4%	14	1.9%	280	3.0%
6	3,242	41.1%	568	71.9%	476	64.3%	4,286	45.5%
7	281	3.6%	150	19.0%	79	10.7%	510	5.4%
8	66	0.8%	42	5.3%	33	4.5%	141	1.5%
9	10	0.1%	4	0.5%	9	1.2%	23	0.2%
10	1	0.0%	0		2	0.3%	3	0.0%
11	2	0.0%	1	0.1%	1	0.1%	4	0.0%
12	1	0.0%	0		1	0.1%	2	0.0%
	7,884		790		740		9,414	

Table 10

	Army		Air Force		Navy		Total	
	Years of High School completed							
0	5,450	69.1%	79	10.0%	246	33.2%	5,775	61.3%
1	239	3.0%	31	3.9%	31	4.2%	301	3.2%
2	244	3.1%	50	6.3%	37	5.0%	331	3.5%
3	310	3.9%	262	33.2%	192	25.9%	764	8.1%
4	145	1.8%	150	19.0%	96	13.0%	391	4.2%
5	112	1.4%	108	13.7%	58	7.8%	278	3.0%
6	864	11.0%	87	11.0%	62	8.4%	1,013	10.8%
7	341	4.3%	17	2.2%	13	1.8%	371	3.9%
8	142	1.8%	3	0.4%	5	0.7%	150	1.6%
9	28	0.4%	2	0.3%	0		30	0.3%
10	6	0.1%	1	0.1%	0		7	0.1%
11	3	0.0%	0		0		3	0.0%
	7,884		790		740		9,414	

	Years of College completed							
0	7,463	94.7%	764	96.7%	711	96.1%	8,938	94.9%
1	30	0.4%	1	0.1%	0		31	0.3%
2	13	0.2%	3	0.4%	2	0.3%	18	0.2%
3	109	1.4%	20	2.5%	15	2.0%	144	1.5%
4	36	0.5%	1	0.1%	7	0.9%	44	0.5%
5	42	0.5%	1	0.1%	3	0.4%	46	0.5%
6	13	0.2%			1	0.1%	14	0.1%
7	137	1.7%			1	0.1%	138	1.5%
8	16	0.2%					16	0.2%
9	1	0.0%					1	0.0%
10	4	0.1%					4	0.0%
11	7	0.1%					7	0.1%
12	8	0.1%					8	0.1%
13	5	0.1%					5	0.1%
	7,884		790		740		9,414	

Table 11

	Army	Air Force	Navy	Total
	Years of School beyond High School other than College			
0	7,730	98.0%	720	97.3%
1	126	1.6%	3	0.4%
2	6	0.1%	0	
3	17	0.2%	12	1.6%
4	2		4	0.5%
5	2		0	
6	0		1	0.1%
7	1			
	7,884		740	
		790		9,414

I-111

Main Occupation before entering Military Service

Professional or Technical	94	1.2%	4	0.5%	5	0.7%	103	1.1%
Office Worker	106	1.3%	14	1.8%	17	2.3%	137	1.5%
Sales or Merchandising	321	4.1%	25	3.2%	33	4.5%	379	4.0%
Farm, Forestry, Fishery Worker	3,119	39.7%	9	1.1%	105	14.2%	3,232	34.4%
Skilled Non-Farm Worker	553	7.0%	33	4.2%	30	4.1%	616	6.6%
Un-Skilled Non-Farm Worker	558	7.1%	20	2.5%	38	5.1%	616	6.6%
Student	1,989	25.3%	640	81.5%	440	59.5%	3,069	32.7%
Herdsman	89	1.1%	0		3	0.4%	92	1.0%
Other	1,035	13.2%	40	5.1%	68	9.2%	1,143	12.2%
	7,864		785		739		9,387	

Table 12

	Army	Air Force	Navy	Total
	7,884	790	740	9,414
	Total for each service			
	Rank			
Colonel	6	2		8
Lt. Colonel	2	0.3%		2
Major	11	1.3%		21
Captain	88	10	3	92
1st Lieutenant	176	1	0.4%	205
2nd Lieutenant	20	17	1.6%	63
3rd Lieutenant	4	13	4.1%	44
1st Master Sergeant	262	35	0.7%	408
2nd Master Sergeant	302	118	3.8%	396
1st Sergeant	470	66	3.8%	845
2nd Sergeant	252	273	13.8%	622
3rd Sergeant	391	163	28.0%	526
Corporal	1	91	6.0%	16
Private First Class	0	0	2.0%	0
Private	155	0	0.0%	419
Trainee	5,741	0	35.7%	5,743
	7,881	789	2	9,410

Table 13

	Place of Birth			Total		
	Army	Air Force	Navy			
Central (Tehran)	1,075	455	139	1,669	17.7%	17.7%
Gilan	204	45	163	412	22.0%	4.4%
Mazandaran	841	18	14	873	1.9%	9.3%
East Azerbaijan	970	73	37	1,080	5.0%	11.5%
West Azerbaijan	808	20	4	832	0.5%	8.8%
Kermanshan	84	24	35	143	4.7%	1.5%
Khuzistan	350	4	68	422	9.2%	4.5%
Fars	485	12	29	526	3.9%	5.6%
Kerman	419	7	14	440	1.9%	4.7%
Khorasan	896	51	31	978	4.2%	10.4%
Isfahan	708	26	146	880	19.7%	9.4%
Kurdistan	271	3	1	275	0.1%	2.9%
Baluchistan-Sistan	174	2	1	177	0.1%	1.9%
Coastal	43	0	11	54	1.5%	0.6%
Semnan	8	1	3	12	0.4%	0.1%
Yazd	37	5	3	45	0.4%	0.5%
Hamadan	64	22	12	98	1.6%	1.0%
Luristan	276	10	17	303	2.3%	3.2%
Ilam	3	1	1	5	0.1%	0.1%
Baktiari-Chaharmahal	36	2	7	35	0.9%	0.4%
Zanjan	138	5	4	147	0.5%	1.6%
Bovir-Ahmadi-Kohkiluyeh	0	0	0	0		0.0%
Foreign	1	0	0	1		0.0%
	7,881	786	740	9,407		

Table 14

	Army		Air Force		Navy		Total	
	Residence on Entering Military Service							
Central (Tehran)	1,220	15.5%	481	60.9%	171	23.1%	1,872	19.9%
Gilan	190	2.4%	40	5.1%	146	19.8%	376	4.0%
Mazandaran	826	10.5%	15	1.9%	12	1.6%	853	9.1%
East Azerbaijan	942	12.0%	65	8.2%	32	4.3%	1,039	11.1%
West Azerbaijan	795	10.1%	20	2.5%	5	0.7%	820	8.7%
Kermanshah	77	1.0%	24	3.0%	34	4.6%	135	1.4%
Khuzistan	335	4.3%	5	0.6%	84	11.4%	424	4.5%
Fars	515	6.5%	12	1.5%	24	3.2%	551	5.9%
Kerman	405	5.1%	7	0.9%	11	1.5%	423	4.5%
Khorasan	885	11.2%	48	6.1%	28	3.8%	961	10.2%
Isfahan	690	8.8%	24	3.0%	140	18.9%	854	9.1%
Kurdistan	263	3.3%	3	0.4%	0	0.0%	266	2.8%
Baluchistan-Sistan	171	2.2%	1	0.1%	0	0.0%	172	1.8%
Coastal	41	0.5%	0	0.0%	11	1.5%	52	0.6%
Semnan	2	0.0%	1	0.1%	2	0.3%	5	0.1%
Yazd	27	0.3%	5	0.6%	3	0.4%	35	0.4%
Hamadan	56	0.7%	22	2.8%	11	1.5%	89	0.9%
Luristan	270	3.4%	10	1.3%	15	2.0%	295	3.1%
Ilam	3	0.0%	0	0.0%	1	0.1%	4	0.0%
Bakhtiari-Chaharmahal	25	0.3%	2	0.3%	7	0.9%	34	0.4%
Bovir-Ahmadi-Kohkiluyeh	0	0.0%	0		0		0	0.0%
Foreign	2	0.0%	0		0		2	0.0%
	7,872		790		739		9,401	

Table 15

	Ethnic Derivation				Total	
	Army	Air Force	Navy			
Nontribal	5,229	66.6%	683	86.7%	6,545	70.1%
Lur	152	1.9%	2	0.3%	163	1.7%
Bakhtiari	49	0.6%	1	0.1%	60	0.6%
Kurd	528	6.7%	8	1.0%	564	6.0%
Baluchi	26	0.3%	0		26	0.3%
Arab	29	0.4%	0		30	0.3%
Armenian	12	0.2%	0		19	0.2%
Azerbaijani	1,693	21.6%	94	11.9%	1,838	19.7%
Turkoman	85	1.1%			85	0.9%
Qajar	1	0.0%			1	0.0%
Qashqai	9	0.1%			10	0.1%
Shahsavan	1	0.0%			1	0.0%
Afshar	0	0.0%			0	0.0%
Jew	22	0.3%			22	0.2%
Assyrian	5	0.1%			5	0.1%
Other	13	0.2%			13	0.1%
	7,854		788		9,332	

Table 16

	Army		Air Force		Navy		Total	
	Military Duty							
Shipboard Duty					147	19.9%	147	1.6%
Shore Duty					584	78.9%	584	6.2%
Flying			51	6.5%			51	0.5%
Non-Flying			735	93.0%			735	7.8%
Guards	1	0.0%					1	0.0%
Infantry	1,160	14.7%					1,160	12.3%
Artillery	10	0.1%					10	0.1%
Mechanized Cavalry	15	0.2%					15	0.2%
Airborne	58	0.7%					58	0.6%
Engineers	40	0.5%					40	0.4%
Communications	56	0.7%					56	0.6%
Transportation	158	2.0%					158	1.7%
Quartermaster	113	1.4%					113	1.2%
Ordinance	153	1.9%					153	1.6%
Military Police	16	0.2%					16	0.2%
Adjutant	122	1.6%					122	1.3%
Medical	7	0.1%					7	0.1%
Veterinary	8	0.1%					8	0.1%
Other	199	2.5%					199	2.1%
Trainee and not Ascertained	5,768	73.2%	5	0.5%	9	1.2%	5,781	61.4%
	7,884		790		740		9,414	

Table 17

	Army		Air Force		Navy		Total	
	Length of Service in Years							
0 - 1	5,883	74.6%	0	0.0%	136	18.4%	6,019	63.9%
1 - 2	107	1.4%	76	9.6%	217	29.3%	400	4.2%
2 - 3	154	2.0%	58	7.3%	55	7.4%	267	2.8%
3 - 4	157	2.0%	53	6.7%	44	5.9%	254	2.7%
4 - 5	121	1.5%	58	7.3%	66	8.9%	245	2.6%
5 - 6	73	0.9%	70	8.9%	50	6.8%	193	2.1%
6 - 7	67	0.8%	80	10.1%	30	4.1%	177	1.9%
7 - 8	49	0.6%	54	6.8%	27	3.6%	130	1.4%
8 - 9	138	1.8%	60	7.6%	22	3.0%	220	2.3%
9 - 10	153	1.9%	61	7.7%	21	2.8%	235	2.5%
10 - 11	174	2.2%	42	5.3%	17	2.3%	233	2.5%
11 - 12	127	1.6%	7	0.9%	10	1.4%	144	1.5%
12 - 13	86	1.1%	2	0.3%	11	1.5%	99	1.1%
13 - 14	80	1.0%	1	0.1%	5	0.7%	86	0.9%
14 - 15	79	1.0%	3	0.4%	5	0.7%	87	0.9%
15 - 16	32	0.4%	2	0.3%	0	0.0%	34	0.4%
16 - 17	25	0.3%	3	0.4%	2	0.3%	30	0.3%
17 - 18	49	0.6%	25	3.2%	3	0.4%	77	0.8%
18 - 19	61	0.8%	41	5.2%	3	0.4%	105	1.1%
19 - 20	71	0.9%	44	5.6%	3	0.4%	118	1.3%
20 - 21	61	0.8%	15	1.9%	7	0.9%	83	0.9%
21 - 22	30	0.4%	11	1.4%	3	0.4%	44	0.5%
22 - 23	32	0.4%	4	0.5%	3	0.4%	39	0.4%
23 - 24	9	0.1%	1	0.1%	0		10	0.1%
24 - 25	16	0.2%	7	0.9%	0		23	0.2%
25 and over	50	0.6%	12	1.5%	0		62	0.7%
	7,884		790		740		9,414	

PART II

Summary Statistics and Frequency Tables

PART II

TABLE OF CONTENTS

<u>Series</u>	<u>Pages</u>
Army	II-1 through II-69
Air Force	II-70 through II-138
Navy	II-139 through II-207
Total	II-208 through II-276

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

WEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
29.50-31.50	1	7884	0.01	100.00
31.50-33.50	0	7883	0.00	99.99
33.50-35.50	2	7883	0.03	99.99
35.50-37.50	4	7881	0.08	99.96
37.50-39.50	5	7875	0.06	99.90
39.50-41.50	14	7870	0.20	99.82
41.50-43.50	12	7854	0.15	99.62
43.50-45.50	18	7842	0.23	99.47
45.50-47.50	25	7824	0.33	99.24
47.50-49.50	25	7798	0.32	98.91
49.50-51.50	55	7773	0.70	98.59
51.50-53.50	68	7718	0.86	97.89
53.50-55.50	69	7650	0.88	97.03
55.50-57.50	176	7581	2.23	96.16
57.50-59.50	144	7435	1.83	92.92
59.50-61.50	392	7261	4.97	92.10
61.50-63.50	331	6869	4.20	87.13
63.50-65.50	481	6523	6.10	82.93
65.50-67.50	942	6057	11.95	76.83
67.50-69.50	703	5115	8.92	64.38
69.50-71.50	1212	4412	15.37	55.96
71.50-73.50	731	3200	9.27	40.59
73.50-75.50	671	2469	8.51	31.32
75.50-77.50	386	1798	11.24	22.81
77.50-79.50	351	912	4.45	11.57
79.50-81.50	362	561	4.59	7.12
81.50-83.50	80	199	1.13	2.52
83.50-85.50	56	110	0.71	1.40
85.50-87.50	44	54	0.56	0.68
87.50-89.50	8	10	0.10	0.13
89.50-91.50	2	2	0.03	0.03

THE SUMMARY STATISTICS

KILCGRAMS	POUNDS
61.30	MEAN VALUE 134.85
0.08	SE(MEAN) 0.18
7.36	SD DEVIATION 16.19
0.06	SE(SD DEV) 0.13

SYMMETRY---VETA I = 0.75
KURTOSIS---VETA II = 4.43
COEF. OF VARIATION = 12.01

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

KILOGRAMS		POUNDS
83.98	99TH	184.75
79.82	98TH	175.60
77.45	97TH	170.40
74.55	95TH	164.02
70.63	90TH	155.49
68.39	85TH	150.46
66.74	80TH	146.83
65.40	75TH	143.88
64.26	70TH	141.38
63.26	65TH	139.17
62.34	60TH	137.14
61.47	55TH	135.24
60.64	50TH	133.41
59.82	45TH	131.61
59.01	40TH	129.83
58.19	35TH	128.02
57.34	30TH	126.14
56.42	25TH	124.12
55.40	20TH	121.89
54.24	15TH	119.32
52.78	10TH	116.11
50.63	5TH	111.39
49.26	3RD	108.38
48.27	2RD	106.20
46.76	1ST	102.88

IN KILOGRAMS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 HEIGHT (STATURE)

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMFCT
192.25-193.25	1	7384	0.01	100.00
191.25-192.25	0	7383	0.00	99.99
190.25-191.25	0	7383	0.00	99.99
189.25-190.25	1	7383	0.01	99.99
188.25-189.25	1	7382	0.01	99.97
187.25-188.25	1	7381	0.01	99.96
186.25-187.25	0	7380	0.00	99.95
185.25-186.25	3	7380	0.04	99.95
184.25-185.25	3	7377	0.04	99.91
183.25-184.25	12	7374	0.16	99.87
182.25-183.25	12	7361	0.15	99.71
181.25-182.25	15	7349	0.19	99.56
180.25-181.25	31	7334	0.39	99.37
179.25-180.25	44	7303	0.56	98.97
178.25-179.25	71	7259	0.90	98.41
177.25-178.25	96	7188	1.22	97.51
176.25-177.25	128	7092	1.62	96.30
175.25-176.25	137	7044	1.74	94.67
174.25-175.25	191	7227	2.42	92.94
173.25-174.25	236	7136	2.99	90.51
172.25-173.25	344	6900	4.36	87.52
171.25-172.25	371	6556	4.71	83.16
170.25-171.25	386	6185	4.90	78.45
169.25-170.25	431	5799	5.47	73.55
168.25-169.25	427	5368	5.42	68.09
167.25-168.25	559	4941	7.09	62.67
166.25-167.25	563	4382	7.14	55.58
165.25-166.25	573	3819	7.27	48.44
164.25-165.25	571	3246	7.24	41.17
163.25-164.25	466	2675	5.91	33.93
162.25-163.25	492	2209	6.11	28.02
161.25-162.25	390	1727	4.95	21.91
160.25-161.25	336	1337	4.26	16.96
159.25-160.25	231	1001	2.93	12.70
158.25-159.25	196	770	2.49	9.77
157.25-158.25	163	574	2.13	7.28
156.25-157.25	131	406	1.66	5.15
155.25-156.25	96	275	1.09	3.49
154.25-155.25	66	189	0.84	2.40
153.25-154.25	49	123	0.62	1.56
152.25-153.25	34	74	0.43	0.94
151.25-152.25	21	40	0.27	0.51
150.25-151.25	7	19	0.09	0.24
149.25-150.25	4	12	0.05	0.15
148.25-149.25	3	8	0.04	0.10
147.25-148.25	4	5	0.05	0.06
146.25-147.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS INCHES

166.64 MEAN VALUE 65.61
 0.06 SE(MEAN) 0.03
 5.77 SD DEVIATION 2.27
 0.05 SE(SD DEV) 0.02

SYMMETRY---VETA I = 0.09
 KURTOSIS---VETA II = 3.05
 COEF. OF VARIATION = 3.46

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS INCHES

180.37	99TH	71.01
178.80	98TH	70.39
177.77	97TH	69.99
176.36	95TH	69.43
174.16	90TH	68.57
172.67	85TH	67.98
171.50	80TH	67.52
170.49	75TH	67.12
169.59	70TH	66.77
168.77	65TH	66.45
168.00	60TH	66.14
167.26	55TH	65.85
166.53	50TH	65.56
165.80	45TH	65.28
165.07	40TH	64.99
164.33	35TH	64.70
163.55	30TH	64.39
162.70	25TH	64.06
161.77	20TH	63.69
160.68	15TH	63.26
159.31	10TH	62.72
157.26	5TH	61.91
155.90	3RD	61.38
154.88	2RD	60.98
153.21	1ST	60.32



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR ***** CERVICAL HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMFCT
165.25-166.25	1	7884	0.01	100.00
164.25-165.25	0	7883	0.00	99.99
163.25-164.25	1	7883	0.01	99.99
162.25-163.25	2	7882	0.03	99.97
161.25-162.25	1	7880	0.01	99.95
160.25-161.25	0	7879	0.00	99.94
159.25-160.25	8	7879	0.10	99.94
158.25-159.25	10	7871	0.13	99.84
157.25-158.25	10	7861	0.13	99.71
156.25-157.25	23	7851	0.29	99.58
155.25-156.25	23	7828	0.36	99.29
154.25-155.25	48	7800	0.61	98.93
153.25-154.25	86	7752	1.09	98.33
152.25-153.25	103	7666	1.31	97.23
151.25-152.25	136	7563	1.73	95.93
150.25-151.25	141	7427	1.79	94.20
149.25-150.25	163	7286	2.07	92.42
148.25-149.25	255	7123	3.23	90.35
147.25-148.25	354	6868	4.49	87.11
146.25-147.25	407	6514	5.07	82.62
145.25-146.25	466	6114	5.91	77.55
144.25-145.25	522	5648	6.62	71.64
143.25-144.25	550	5126	6.98	65.02
142.25-143.25	637	4576	8.08	58.04
141.25-142.25	624	3939	7.91	49.96
140.25-141.25	519	3315	6.58	42.05
139.25-140.25	428	2796	5.43	35.46
138.25-139.25	484	2368	6.14	30.04
137.25-138.25	416	1884	5.28	23.90
136.25-137.25	349	1468	4.43	18.62
135.25-136.25	327	1119	4.15	14.19
134.25-135.25	224	792	2.84	10.05
133.25-134.25	203	568	2.57	7.20
132.25-133.25	129	365	1.64	4.63
131.25-132.25	91	236	1.15	2.99
130.25-131.25	51	145	0.65	1.84
129.25-130.25	41	94	0.52	1.19
128.25-129.25	21	53	0.27	0.67
127.25-128.25	15	32	0.19	0.41
126.25-127.25	10	17	0.13	0.22
125.25-126.25	4	7	0.05	0.09
124.25-125.25	1	3	0.01	0.04
123.25-124.25	2	2	0.03	0.03

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
142.23	MEAN VALUE	56.00
0.06	SE(MEAN)	0.02
5.49	SD DEVIATION	2.16
0.04	SE(SD DEV)	0.02

SYMMETRY---VETA I = 0.11
KURTOSIS---VETA II = 3.04
COEF. OF VARIATION = 3.86

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS		INCHES
155.58	99TH	61.25
153.92	98TH	60.60
152.88	97TH	60.19
151.48	95TH	59.64
149.35	90TH	58.80
147.94	85TH	58.24
146.83	80TH	57.81
145.88	75TH	57.43
145.04	70TH	57.10
144.27	65TH	56.80
143.54	60TH	56.51
142.83	55TH	56.23
142.14	50TH	55.96
141.45	45TH	55.69
140.76	40TH	55.42
140.05	35TH	55.14
139.30	30TH	54.84
138.50	25TH	54.53
137.60	20TH	54.17
136.58	15TH	53.77
135.29	10TH	53.26
133.40	5TH	52.52
132.19	3RD	52.04
131.31	2RD	51.70
129.93	1ST	51.16



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 SHOULDER (ACROMION) HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMFCT
150.25-160.25	1	7884	0.01	100.00
158.25-159.25	1	7883	0.01	99.99
157.25-158.25	0	7882	0.00	99.97
156.25-157.25	0	7882	0.00	99.97
155.25-156.25	2	7882	0.03	99.97
154.25-155.25	2	7880	0.03	99.95
153.25-154.25	7	7878	0.09	99.92
152.25-153.25	8	7871	0.10	99.84
151.25-152.25	4	7863	0.05	99.73
150.25-151.25	25	7859	0.22	99.68
149.25-150.25	26	7834	0.33	99.37
148.25-149.25	47	7808	0.60	99.04
147.25-148.25	83	7761	1.05	98.44
146.25-147.25	107	7678	1.36	97.39
145.25-146.25	136	7571	1.73	96.03
144.25-145.25	170	7435	2.27	94.30
143.25-144.25	236	7256	2.99	92.03
142.25-143.25	320	7020	4.06	89.04
141.25-142.25	359	6700	4.55	84.98
140.25-141.25	396	6341	5.02	80.43
139.25-140.25	411	5945	5.21	75.41
138.25-139.25	513	5534	6.51	70.19
137.25-138.25	554	5021	7.03	63.69
136.25-137.25	558	4467	7.08	56.66
135.25-136.25	569	3909	7.22	49.58
134.25-135.25	625	3340	7.93	42.36
133.25-134.25	550	2715	6.98	34.44
132.25-133.25	473	2165	6.00	27.46
131.25-132.25	457	1692	5.80	21.46
130.25-131.25	330	1235	4.19	15.66
129.25-130.25	258	905	3.27	11.48
128.25-129.25	178	647	2.26	8.21
127.25-128.25	152	469	2.05	5.95
126.25-127.25	107	307	1.36	3.89
125.25-126.25	62	200	0.79	2.54
124.25-125.25	64	138	0.81	1.75
123.25-124.25	30	74	0.38	0.94
122.25-123.25	19	44	0.24	0.56
121.25-122.25	7	25	0.09	0.32
120.25-121.25	13	18	0.16	0.23
119.25-120.25	3	5	0.04	0.06
118.25-119.25	1	2	0.01	0.03
117.25-118.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
136.51	MEAN VALUE	53.74
0.06	SE(MEAN)	0.02
5.39	SD DEVIATION	2.12
0.04	SE(SD DEV)	0.02

SYMMETRY---VETA I =	0.11
KURTOSIS---VETA II =	3.02
COEF. OF VARIATION =	3.95

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS.		INCHES
149.20	99TH	58.74
147.85	98TH	58.21
146.94	97TH	57.85
145.66	95TH	57.34
143.60	90TH	56.54
142.20	85TH	55.98
141.08	80TH	55.54
140.12	75TH	55.17
139.27	70TH	54.83
138.49	65TH	54.52
137.76	60TH	54.23
137.05	55TH	53.96
136.36	50TH	53.69
135.68	45TH	53.42
135.00	40TH	53.15
134.31	35TH	52.88
133.58	30TH	52.59
132.81	25TH	52.29
131.95	20TH	51.95
130.96	15TH	51.56
129.72	10TH	51.07
127.87	5TH	50.34
126.65	3RD	49.86
125.72	2RD	49.50
124.20	1ST	48.90



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

WAIST (TOP OF HIP BONE) HEIGHT

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS INCHES

100.04 MEAN VALUE 39.39
0.05 SE(MEAN) 0.02
4.44 SD DEVIATION 1.75
0.04 SE(SD DEV) 0.01

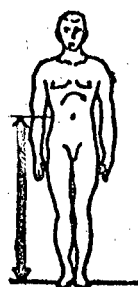
SYMMETRY---VETA I = 0.12
KURTOSIS---VETA II = 3.03
COEF. OF VARIATION = 4.44

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS INCHES

110.83	99TH	43.63
109.43	98TH	43.10
108.64	97TH	42.77
107.51	95TH	42.33
105.81	90TH	41.66
104.68	85TH	41.21
103.79	80TH	40.86
103.03	75TH	40.56
102.35	70TH	40.29
101.72	65TH	40.05
101.13	60TH	39.81
100.56	55TH	39.59
100.00	50TH	39.37
99.44	45TH	39.15
98.87	40TH	38.93
98.29	35TH	38.70
97.68	30TH	38.46
97.03	25TH	38.20
96.30	20TH	37.91
95.46	15TH	37.58
94.42	10TH	37.17
92.91	5TH	36.58
91.96	3RD	36.20
91.27	2RD	35.93
90.24	1ST	35.53



RANGES*	F	CUMF	FPCT	CUMPCT
119.25-120.25	1	7884	0.01	100.00
118.25-119.25	0	7883	0.00	99.99
117.25-118.25	0	7883	0.00	99.99
116.25-117.25	2	7883	0.03	99.99
115.25-116.25	3	7881	0.04	99.96
114.25-115.25	6	7878	0.08	99.92
113.25-114.25	4	7872	0.05	99.85
112.25-113.25	13	7868	0.23	99.80
111.25-112.25	25	7850	0.32	99.57
110.25-111.25	52	7825	0.66	99.25
109.25-110.25	63	7773	0.80	98.59
108.25-109.25	93	7710	1.18	97.79
107.25-108.25	150	7617	1.90	96.61
106.25-107.25	242	7467	3.07	94.71
105.25-106.25	314	7225	3.98	91.64
104.25-105.25	370	6911	4.81	87.66
103.25-104.25	505	6532	6.41	82.85
102.25-103.25	601	6027	7.62	76.45
101.25-102.25	637	5426	8.08	68.82
100.25-101.25	665	4789	8.43	60.74
99.25-100.25	669	4124	8.49	52.31
98.25-99.25	698	3455	8.85	43.82
97.25-98.25	658	2757	8.35	34.97
96.25-97.25	582	2099	7.38	26.62
95.25-96.25	407	1517	5.16	19.24
94.25-95.25	368	1110	4.67	14.08
93.25-94.25	280	742	3.55	9.41
92.25-93.25	196	462	2.49	5.86
91.25-92.25	124	266	1.57	3.37
90.25-91.25	50	142	0.75	1.80
89.25-90.25	40	83	0.51	1.05
88.25-89.25	22	43	0.28	0.55
87.25-88.25	12	21	0.15	0.27
86.25-87.25	3	9	0.04	0.11
85.25-86.25	4	6	0.05	0.08
84.25-85.25	1	2	0.01	0.03
83.25-84.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

CROTCH HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
94.25- 95.25	1	7884	0.01	100.00
93.25- 94.25	0	7883	0.00	99.99
92.25- 93.25	0	7883	0.00	99.99
91.25- 92.25	2	7883	0.03	99.99
90.25- 91.25	3	7881	0.04	99.96
89.25- 90.25	8	7878	0.10	99.92
88.25- 89.25	18	7870	0.23	99.82
87.25- 88.25	34	7852	0.43	99.59
86.25- 87.25	38	7818	0.48	99.16
85.25- 86.25	96	7780	1.22	98.68
84.25- 85.25	109	7684	1.37	97.46
83.25- 84.25	193	7576	2.51	96.09
82.25- 83.25	286	7378	3.63	93.58
81.25- 82.25	362	7092	4.59	89.95
80.25- 81.25	465	6720	5.90	85.36
79.25- 80.25	570	6265	7.23	79.46
78.25- 79.25	612	5695	7.76	72.23
77.25- 78.25	747	5083	9.47	64.47
76.25- 77.25	729	4336	9.25	55.00
75.25- 76.25	743	3607	9.42	45.75
74.25- 75.25	750	2864	9.51	36.33
73.25- 74.25	578	2114	7.33	26.81
72.25- 73.25	456	1536	5.78	19.48
71.25- 72.25	383	1080	4.86	13.70
70.25- 71.25	245	697	3.11	8.84
69.25- 70.25	166	452	2.11	5.73
68.25- 69.25	111	286	1.41	3.63
67.25- 68.25	96	175	1.22	2.22
66.25- 67.25	37	79	0.47	1.00
65.25- 66.25	19	42	0.24	0.53
64.25- 65.25	9	23	0.11	0.29
63.25- 64.25	8	14	0.10	0.19
62.25- 63.25	2	6	0.03	0.08
61.25- 62.25	3	4	0.04	0.05
60.25- 61.25	0	1	0.00	0.01
59.25- 60.25	0	1	0.00	0.01
58.25- 59.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
76.83	MEAN VALUE 30.25
0.05	SE(MEAN) 0.02
4.21	SD DEVIATION 1.66
0.03	SE(SD DEV) 0.01

SYMMETRY---VETA I = 0.06
KURTOSIS---VETA II = 3.08
COEF. OF VARIATION = 5.48

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS	INCHES
86.94	99TH 34.23
85.68	98TH 33.73
84.89	97TH 33.42
83.83	95TH 33.01
82.23	90TH 32.37
81.16	85TH 31.95
80.32	80TH 31.62
79.60	75TH 31.34
78.96	70TH 31.09
78.37	65TH 30.86
77.82	60TH 30.64
77.28	55TH 30.42
76.75	50TH 30.22
76.22	45TH 30.01
75.69	40TH 29.80
75.14	35TH 29.58
74.56	30TH 29.35
73.93	25TH 29.11
73.23	20TH 28.83
72.43	15TH 28.51
71.41	10TH 28.11
69.91	5TH 27.52
68.93	3PD 27.14
68.22	2RD 26.86
67.10	1ST 26.42



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

KNEE HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
50.25- 50.75	1	7884	0.01	100.00
50.75- 50.25	0	7883	0.00	99.99
50.25- 50.75	2	7883	0.03	99.99
50.75- 50.25	9	7881	0.10	99.96
50.25- 50.75	0	7873	0.11	99.86
50.75- 50.25	12	7864	0.15	99.75
50.25- 50.75	24	7852	0.20	99.59
50.75- 50.25	22	7828	0.41	99.29
50.25- 50.75	67	7796	0.85	98.88
50.75- 50.25	77	7729	0.98	98.03
50.25- 50.75	115	7652	1.46	97.06
50.75- 50.25	114	7537	1.45	95.60
50.25- 50.75	282	7423	3.58	94.15
50.75- 50.25	273	7141	3.46	90.58
50.25- 50.75	467	6868	5.92	87.11
50.75- 50.25	415	6401	5.26	81.19
50.25- 50.75	651	5986	8.26	75.93
50.75- 50.25	495	5325	6.28	67.67
50.25- 50.75	723	4840	5.17	61.39
50.75- 50.25	496	4117	6.29	52.22
50.25- 50.75	744	3621	9.44	45.93
50.75- 50.25	504	2877	6.39	36.49
50.25- 50.75	643	2373	8.16	20.10
50.75- 50.25	304	1730	5.00	21.94
50.25- 50.75	473	1336	6.00	16.95
50.75- 50.25	234	863	2.97	10.95
50.25- 50.75	235	629	2.98	7.98
50.75- 50.25	133	394	1.69	5.00
50.25- 50.75	116	261	1.47	3.31
50.75- 50.25	80	145	1.01	1.84
50.25- 50.75	24	65	0.30	0.82
50.75- 50.25	22	41	0.28	0.52
50.25- 50.75	10	19	0.13	0.24
50.75- 50.25	5	9	0.06	0.11
50.25- 50.75	2	4	0.03	0.05
50.75- 50.25	2	2	0.03	0.03

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
50.09	MEAN VALUE 19.72
0.03	SE(MEAN) 0.01
2.39	SD DEVIATION 0.94
0.02	SE(SD DEV) 0.01

SYMMETRY---VETA I = 0.11
KURTOSIS---VETA II = 2.96
COEF. OF VARIATION = 4.78

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS	INCHES
55.91	99TH 22.01
55.17	98TH 21.72
54.72	97TH 21.54
54.11	95TH 21.30
53.19	90TH 20.94
52.59	85TH 20.70
52.11	80TH 20.52
51.70	75TH 20.35
51.34	70TH 20.21
51.00	65TH 20.08
50.68	60TH 19.95
50.37	55TH 19.83
50.07	50TH 19.71
49.76	45TH 19.59
49.45	40TH 19.47
49.14	35TH 19.35
48.80	30TH 19.21
48.45	25TH 19.07
48.05	20TH 18.92
47.59	15TH 18.74
47.02	10TH 18.51
46.20	5TH 18.19
45.70	3RD 17.99
45.34	2RD 17.85
44.81	1ST 17.64



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

CALF HEIGHT

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS

INCHES

34.17 MEAN VALUE 13.45
0.02 SE(MEAN) 0.01
2.16 SD DEVIATION 0.85
0.02 SE(SD DEV) 0.01

SYMMETRY---VETA I = 0.11
KURTOSIS---VETA II = 3.12
COEF. OF VARIATION = 6.22

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS

INCHES

29.41	99TH	15.52
38.74	98TH	15.25
38.33	97TH	15.09
37.78	95TH	14.87
36.95	90TH	14.55
36.40	85TH	14.33
35.97	80TH	14.16
35.61	75TH	14.02
35.28	70TH	13.89
34.98	65TH	13.77
34.69	60TH	13.66
34.42	55TH	13.55
34.14	50TH	13.44
33.87	45TH	13.34
33.60	40TH	13.23
33.32	35TH	13.12
33.02	30TH	13.00
32.70	25TH	12.87
32.34	20TH	12.73
21.93	15TH	12.57
31.42	10TH	12.37
30.67	5TH	12.08
30.20	3RD	11.97
29.87	2RD	11.76
29.35	1ST	11.56



RANGES*	F	CUMF	FPCT	CUMPCT
42.25- 42.75	4	7884	0.05	100.00
41.75- 42.25	3	7880	0.04	99.95
41.25- 41.75	3	7877	0.04	99.91
40.75- 41.25	12	7874	0.15	99.87
40.25- 40.75	13	7862	0.16	99.72
39.75- 40.25	13	7849	0.16	99.56
39.25- 39.75	54	7836	0.68	99.39
38.75- 39.25	40	7782	0.51	98.71
38.25- 38.75	110	7742	1.40	98.20
37.75- 38.25	131	7632	1.66	96.80
37.25- 37.75	267	7501	3.39	95.14
36.75- 37.25	234	7224	2.97	91.76
36.25- 36.75	476	7000	6.04	88.79
35.75- 36.25	470	6524	6.08	82.75
35.25- 35.75	500	6045	7.48	76.67
34.75- 35.25	571	5455	7.24	69.19
34.25- 34.75	816	4884	10.35	61.95
33.75- 34.25	674	4068	8.55	51.60
33.25- 33.75	723	3394	9.17	43.05
32.75- 33.25	584	2671	7.41	33.88
32.25- 32.75	650	2087	8.36	26.47
31.75- 32.25	303	1428	4.98	18.11
31.25- 31.75	381	1035	4.83	13.13
30.75- 31.25	229	654	2.90	8.30
30.25- 30.75	102	425	2.44	5.39
29.75- 30.25	93	233	1.18	2.96
29.25- 29.75	74	140	0.94	1.78
28.75- 29.25	34	66	0.43	0.84
28.25- 28.75	15	32	0.12	0.41
27.75- 28.25	7	17	0.09	0.22
27.25- 27.75	6	10	0.08	0.13
26.75- 27.25	1	4	0.01	0.05
26.25- 26.75	0	3	0.00	0.04
25.75- 26.25	2	3	0.03	0.04
25.25- 25.75	0	1	0.00	0.01
24.75- 25.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

FUNCTIONAL ARM REACH-FORWARD

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS

INCHES

76.93 MEAN VALUE 30.29
0.05 SE(MEAN) 0.02
4.16 SD DEVIATION 1.64
0.03 SE(SD DEV) 0.01

SYMMETRY---VETA I = 0.16
KURTOSIS---VETA II = 3.09
COEF. OF VARIATION = 5.40

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS

INCHES

86.99	99TH	34.25
85.80	98TH	33.78
85.04	97TH	33.48
83.98	95TH	33.06
82.36	90TH	32.42
81.26	85TH	31.99
80.41	80TH	31.66
79.67	75TH	31.37
79.02	70TH	31.11
78.42	65TH	30.87
77.86	60TH	30.65
77.32	55TH	30.44
76.80	50TH	30.23
76.27	45TH	30.03
75.75	40TH	29.82
75.22	35TH	29.61
74.66	30TH	29.39
74.07	25TH	29.16
73.41	20TH	28.90
72.66	15TH	28.61
71.72	10TH	28.24
70.35	5TH	27.70
69.46	3RD	27.35
68.81	2RD	27.09
67.78	1ST	26.68



RANGES*	F	CUMF	FPCT	CUMFCT
93.25- 94.25	2	7384	0.03	100.00
92.25- 93.25	4	7882	0.05	99.97
91.25- 92.25	1	7879	0.01	99.92
90.25- 91.25	1	7877	0.01	99.91
89.25- 90.25	12	7876	0.15	99.90
88.25- 89.25	26	7864	0.33	99.75
87.25- 88.25	25	7838	0.32	99.42
86.25- 87.25	48	7813	0.61	99.10
85.25- 86.25	78	7765	0.99	98.49
84.25- 85.25	126	7687	1.60	97.50
83.25- 84.25	213	7561	2.70	95.90
82.25- 83.25	300	7348	3.81	92.20
81.25- 82.25	365	7048	4.64	89.40
80.25- 81.25	471	6582	5.97	84.75
79.25- 80.25	547	6211	6.94	78.78
78.25- 79.25	652	5664	8.27	71.84
77.25- 78.25	741	5012	9.40	63.57
76.25- 77.25	751	4271	9.53	54.17
75.25- 76.25	710	3520	9.01	44.65
74.25- 75.25	704	2810	8.93	35.64
73.25- 74.25	595	2106	7.55	26.71
72.25- 73.25	532	1511	6.75	19.17
71.25- 72.25	366	979	4.64	12.42
70.25- 71.25	280	613	3.55	7.78
69.25- 70.25	130	333	1.65	4.22
68.25- 69.25	99	203	1.24	2.57
67.25- 68.25	50	105	0.63	1.33
66.25- 67.25	25	55	0.32	0.70
65.25- 66.25	8	30	0.10	0.38
64.25- 65.25	12	22	0.15	0.28
63.25- 64.25	6	10	0.08	0.13
62.25- 63.25	2	4	0.03	0.05
61.25- 62.25	2	2	0.03	0.03

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

CCAT LENGTH

THE FREQUENCY TABLES

RANGES*	C	CUMF	FPCT	CUMPCT
70.75- 80.25	2	7884	0.03	100.00
70.25- 70.75	0	7882	0.00	99.97
78.75- 70.25	3	7982	0.04	99.97
78.25- 78.75	8	7879	0.10	99.94
77.75- 78.25	7	7871	0.09	99.84
77.25- 77.75	5	7864	0.06	99.75
76.75- 77.25	13	7859	0.16	99.68
76.25- 76.75	30	7846	0.28	99.52
75.75- 76.25	36	7816	0.46	99.14
75.25- 75.75	55	7780	0.70	98.68
74.75- 75.25	57	7725	0.72	97.98
74.25- 74.75	75	7668	0.95	97.26
73.75- 74.25	131	7593	1.65	96.31
73.25- 73.75	157	7462	1.99	94.65
72.75- 73.25	182	7305	2.31	92.66
72.25- 72.75	245	7123	2.11	90.35
71.75- 72.25	268	6878	3.40	87.24
71.25- 71.75	321	6610	4.07	83.84
70.75- 71.25	371	6289	4.71	79.77
70.25- 70.75	458	5918	5.81	75.06
69.75- 70.25	395	5460	5.01	69.25
69.25- 69.75	525	5065	6.66	64.24
68.75- 69.25	463	4540	5.87	57.58
68.25- 68.75	503	4077	6.38	51.71
67.75- 68.25	487	3574	6.18	45.33
67.25- 67.75	489	3087	6.20	39.16
66.75- 67.25	427	2598	5.42	32.95
66.25- 66.75	401	2171	5.09	27.54
65.75- 66.25	322	1770	4.08	22.45
65.25- 65.75	345	1448	4.38	18.37
64.75- 65.25	249	1103	3.16	13.99
64.25- 64.75	242	854	3.07	10.83
63.75- 64.25	155	612	1.97	7.76
63.25- 63.75	116	457	1.47	5.80
62.75- 63.25	100	341	1.27	4.33
62.25- 62.75	77	241	0.98	3.06
61.75- 62.25	46	164	0.58	2.08
61.25- 61.75	33	118	0.42	1.50
60.75- 61.25	30	85	0.38	1.08
60.25- 60.75	25	55	0.32	0.70
59.75- 60.25	14	30	0.18	0.38
59.25- 59.75	9	16	0.10	0.20
58.75- 59.25	6	8	0.08	0.10
58.25- 58.75	0	2	0.00	0.03
57.75- 58.25	1	2	0.01	0.03
57.25- 57.75	0	1	0.00	0.01
56.75- 57.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
68.63	MEAN VALUE 27.02
0.04	SE(MEAN) 0.01
3.16	SD DEVIATION 1.24
0.03	SE(SD DEV) 0.01

SYMMETRY---VETA I = 0.03
KURTOSIS---VETA II = 2.99
COEF. OF VARIATION = 4.60

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS	INCHES
76.10	99TH 29.96
75.22	98TH 29.61
74.65	97TH 29.39
73.89	95TH 29.09
72.71	90TH 28.62
71.91	85TH 28.31
71.29	80TH 28.07
70.75	75TH 27.85
70.27	70TH 27.66
69.83	65TH 27.49
69.41	60TH 27.33
69.01	55TH 27.17
68.62	50TH 27.01
68.22	45TH 26.85
67.82	40TH 26.70
67.41	35TH 26.54
66.98	30TH 26.37
66.52	25TH 26.19
65.99	20TH 25.98
65.39	15TH 25.74
64.62	10TH 25.44
63.46	5TH 24.99
62.70	3RD 24.68
62.12	2RD 24.46
61.20	1ST 24.09



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR HIP BREADTH-STANDING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPT
37.75- 39.25	3	7884	0.04	100.00
37.25- 37.75	5	7881	0.06	99.96
36.75- 37.25	12	7876	0.15	99.90
36.25- 36.75	24	7864	0.30	99.75
35.75- 36.25	49	7840	0.62	99.44
35.25- 35.75	116	7791	1.47	98.82
34.75- 35.25	185	7675	2.35	97.35
34.25- 34.75	307	7490	3.81	95.00
33.75- 34.25	429	7190	5.44	91.20
33.25- 33.75	705	6761	8.94	85.76
32.75- 33.25	816	6056	10.35	76.81
32.25- 32.75	1037	5240	13.15	66.46
31.75- 32.25	954	4203	12.10	53.31
31.25- 31.75	1019	3249	12.91	41.21
30.75- 31.25	906	2231	10.22	28.30
30.25- 30.75	624	1425	7.91	18.07
29.75- 30.25	367	801	4.65	10.16
29.25- 29.75	240	434	3.04	5.50
28.75- 29.25	105	194	1.33	2.46
28.25- 28.75	56	89	0.71	1.13
27.75- 28.25	17	33	0.22	0.42
27.25- 27.75	10	16	0.13	0.20
26.75- 27.25	3	6	0.04	0.08
26.25- 26.75	3	3	0.04	0.04

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
32.14	MEAN VALUE	12.66
0.02	SE(MEAN)	0.01
1.54	SD DEVIATION	0.60
0.01	SE(SD DEV)	0.00

SYMMETRY---	VETA I	=	0.14
KURTOSIS---	VETA II	=	3.12
COEF. OF VARIATION	=	4.78	

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS		INCHES
35.91	99TH	14.14
35.45	98TH	13.96
35.16	97TH	13.84
34.76	95TH	13.68
34.15	90TH	13.44
33.74	85TH	13.28
33.43	80TH	13.16
33.16	75TH	13.05
32.92	70TH	12.96
32.70	65TH	12.87
32.49	60TH	12.79
32.29	55TH	12.71
32.10	50TH	12.64
31.91	45TH	12.56
31.72	40TH	12.49
31.52	35TH	12.41
31.31	30TH	12.33
31.09	25TH	12.24
30.85	20TH	12.14
30.57	15TH	12.03
30.21	10TH	11.89
29.68	5TH	11.69
29.33	3RD	11.55
29.08	2RD	11.45
28.66	1ST	11.28



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

***** CHEST BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	PCCT	CUMPCCT
38.25- 38.75	1	7884	0.01	100.00
37.75- 38.25	0	7883	0.00	99.99
37.25- 37.75	1	7883	0.01	99.99
36.75- 37.25	4	7882	0.05	99.97
36.25- 36.75	1	7879	0.01	99.92
35.75- 36.25	10	7877	0.13	99.91
35.25- 35.75	17	7867	0.22	99.78
34.75- 35.25	7	7850	0.09	99.57
34.25- 34.75	31	7843	0.39	99.48
33.75- 34.25	35	7812	0.44	99.09
33.25- 33.75	50	7777	0.63	98.64
32.75- 33.25	108	7727	1.37	98.01
32.25- 32.75	148	7619	1.88	96.64
31.75- 32.25	212	7471	2.69	94.76
31.25- 31.75	357	7259	4.53	92.07
30.75- 31.25	517	6902	6.56	87.54
30.25- 30.75	718	6385	9.11	80.99
29.75- 30.25	765	5667	9.70	71.88
29.25- 29.75	997	4902	12.65	62.18
28.75- 29.25	897	3905	11.38	49.53
28.25- 28.75	970	3008	12.30	38.15
27.75- 28.25	698	2038	8.85	25.85
27.25- 27.75	573	1340	7.27	17.00
26.75- 27.25	326	767	4.13	9.73
26.25- 26.75	214	441	2.71	5.59
25.75- 26.25	123	227	1.56	2.89
25.25- 25.75	56	104	0.71	1.32
24.75- 25.25	28	48	0.36	0.61
24.25- 24.75	9	20	0.11	0.25
23.75- 24.25	7	11	0.09	0.14
23.25- 23.75	2	4	0.03	0.05
22.75- 23.25	0	2	0.00	0.03
22.25- 22.75	2	2	0.03	0.03



THE SUMMARY STATISTICS

CENTIMETERS	INCHES
29.34 MEAN VALUE	11.55
0.02 SE(MEAN)	0.01
1.73 SD DEVIATION	0.68
0.01 SE(SD DEV)	0.01

SYMMETRY---VETA I = 0.39
KURTOSIS---VETA II = 3.89
COEF. OF VARIATION = 5.91

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS	INCHES
34.10	99TH 13.43
33.33	98TH 13.12
32.88	97TH 12.94
32.31	95TH 12.72
31.53	90TH 12.41
31.05	85TH 12.22
30.69	80TH 12.08
30.39	75TH 11.96
30.13	70TH 11.86
29.89	65TH 11.77
29.67	60TH 11.68
29.47	55TH 11.60
29.26	50TH 11.52
29.06	45TH 11.44
28.86	40TH 11.36
28.65	35TH 11.28
28.43	30TH 11.19
28.19	25TH 11.10
27.93	20TH 11.00
27.62	15TH 10.87
27.23	10TH 10.72
26.64	5TH 10.49
26.26	3PD 10.34
25.98	2PD 10.23
25.53	1ST 10.05

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

CHEST DEPTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES*	F	CUMF	FPCT	CUMFCT
29.25- 29.55	1	7884	0.01	100.00
28.95- 29.25	2	7883	0.03	99.99
28.65- 28.95	1	7881	0.01	99.96
28.35- 28.65	2	7880	0.04	99.95
28.05- 28.35	4	7877	0.05	99.91
27.75- 28.05	3	7873	0.04	99.86
27.45- 27.75	7	7870	0.09	99.82
27.15- 27.45	5	7863	0.08	99.73
26.85- 27.15	9	7857	0.11	99.66
26.55- 26.85	17	7848	0.22	99.54
26.25- 26.55	39	7821	0.49	99.33
25.95- 26.25	45	7792	0.57	98.93
25.65- 25.95	22	7747	0.28	98.26
25.35- 25.65	72	7725	0.91	97.98
25.05- 25.35	50	7653	0.63	97.07
24.75- 25.05	78	7603	0.99	96.44
24.45- 24.75	138	7525	1.75	95.45
24.15- 24.45	154	7387	1.95	93.70
23.85- 24.15	247	7233	3.13	91.74
23.55- 23.85	242	6986	3.07	88.61
23.25- 23.55	441	6744	5.59	85.54
22.95- 23.25	614	6303	7.79	79.95
22.65- 22.95	310	5689	3.93	72.16
22.35- 22.65	712	5379	9.03	68.23
22.05- 22.35	580	4667	7.36	59.20
21.75- 22.05	771	4087	9.78	51.84
21.45- 21.75	675	3316	8.56	42.06
21.15- 21.45	578	2641	7.33	32.50
20.85- 21.15	532	2063	6.75	26.17
20.55- 20.85	342	1531	4.34	19.42
20.25- 20.55	440	1189	5.58	15.08
19.95- 20.25	291	749	3.69	9.50
19.65- 19.95	110	458	1.40	5.81
19.35- 19.65	173	348	2.19	4.41
19.05- 19.35	76	175	0.96	2.22
18.75- 19.05	50	99	0.63	1.26
18.45- 18.75	19	49	0.24	0.62
18.15- 18.45	12	30	0.15	0.38
17.85- 18.15	10	18	0.13	0.23
17.55- 17.85	2	8	0.03	0.10
17.25- 17.55	2	6	0.03	0.08
16.95- 17.25	2	4	0.03	0.05
16.65- 16.95	1	2	0.01	0.03
16.35- 16.65	1	1	0.01	0.01

*IN CENTIMETERS

CENTIMETERS	INCHES
22.10	MEAN VALUE 8.70
0.02	SE(MEAN) 0.01
1.50	SD DEVIATION 0.59
0.01	SE(SD DEV) 0.00

SYMMETRY---VETA I = 0.46
KURTOSIS---VETA II = 3.85
COEF. CF VARIATION = 6.81

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS	INCHES
26.38	99TH 10.39
25.65	98TH 10.10
25.23	97TH 9.93
24.71	95TH 9.73
24.01	90TH 9.45
23.58	85TH 9.28
23.26	80TH 9.16
23.00	75TH 9.05
22.77	70TH 8.96
22.56	65TH 8.88
22.37	60TH 8.81
22.19	55TH 8.74
22.02	50TH 8.67
21.84	45TH 8.60
21.66	40TH 8.53
21.48	35TH 8.46
21.29	30TH 8.38
21.09	25TH 8.30
20.86	20TH 8.21
20.60	15TH 8.11
20.26	10TH 7.98
19.78	5TH 7.79
19.48	3RD 7.67
19.26	2RD 7.58
18.93	1ST 7.45

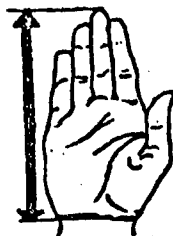


THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

PAND LENGTH

THE FREQUENCY TABLES

PANGES*	F	CUMF	FPCT	CUMFCT
22.15- 22.35	1	7884	0.01	100.00
21.95- 22.15	2	7883	0.03	99.99
21.75- 21.95	0	7881	0.00	99.96
21.55- 21.75	5	7881	0.06	99.96
21.35- 21.55	12	7876	0.15	99.90
21.15- 21.35	5	7864	0.06	99.75
20.95- 21.15	16	7859	0.20	99.68
20.75- 20.95	51	7843	0.65	99.48
20.55- 20.75	45	7792	0.57	98.83
20.35- 20.55	72	7747	0.51	98.26
20.15- 20.35	157	7675	1.59	97.35
19.95- 20.15	255	7518	2.23	95.36
19.75- 19.95	268	7263	2.40	92.12
19.55- 19.75	344	6995	4.36	88.72
19.35- 19.55	384	6651	4.87	84.36
19.15- 19.35	708	6267	8.98	79.49
18.95- 19.15	609	5559	7.72	70.51
18.75- 18.95	739	4950	9.37	62.79
18.55- 18.75	611	4211	7.75	53.41
18.35- 18.55	724	3600	9.18	45.66
18.15- 18.35	741	2876	9.40	36.48
17.95- 18.15	611	2135	7.75	27.08
17.75- 17.95	483	1524	6.13	19.33
17.55- 17.75	309	1041	3.92	13.20
17.35- 17.55	251	722	3.18	9.28
17.15- 17.35	204	481	2.59	6.10
16.95- 17.15	130	277	1.65	3.51
16.75- 16.95	69	147	0.88	1.86
16.55- 16.75	39	78	0.49	0.99
16.35- 16.55	16	39	0.20	0.49
16.15- 16.35	15	23	0.19	0.29
15.95- 16.15	3	8	0.04	0.10
15.75- 15.95	2	5	0.03	0.06
15.55- 15.75	2	3	0.03	0.04
15.35- 15.55	1	1	0.01	0.01



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
18.68	MEAN VALUE	7.35
0.01	SE(MEAN)	0.00
0.86	SD DEVIATION	0.34
0.01	SE(SD DEV)	0.00

SYMMETRY---VFETA	I =	0.12
KURTOSIS---VFETA	II =	3.08
COEF. CF VARIATION	=	4.63

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS		INCHES
20.78	99TH	8.18
20.51	98TH	8.08
20.34	97TH	8.01
20.12	95TH	7.92
19.79	90TH	7.79
19.57	85TH	7.70
19.40	80TH	7.64
19.25	75TH	7.58
19.12	70TH	7.53
19.00	65TH	7.48
18.88	60TH	7.43
18.77	55TH	7.39
18.67	50TH	7.35
18.56	45TH	7.31
18.45	40TH	7.26
18.34	35TH	7.22
18.22	30TH	7.17
18.09	25TH	7.12
17.95	20TH	7.07
17.79	15TH	7.00
17.58	10TH	6.92
17.28	5TH	6.80
17.09	3RD	6.73
16.96	2RD	6.68
16.75	1ST	6.60

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR ***** PALM LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMFCT
12.55- 12.65	1	7884	0.01	100.00
12.45- 12.55	1	7883	0.01	99.99
12.35- 12.45	1	7882	0.01	99.97
12.25- 12.35	3	7881	0.04	99.96
12.15- 12.25	4	7878	0.05	99.92
12.05- 12.15	5	7874	0.06	99.87
11.95- 12.05	19	7869	0.24	99.81
11.85- 11.95	19	7850	0.24	99.57
11.75- 11.85	27	7831	0.34	99.33
11.65- 11.75	41	7804	0.52	98.99
11.55- 11.65	60	7763	0.76	98.47
11.45- 11.55	71	7703	0.90	97.70
11.35- 11.45	136	7632	1.73	96.80
11.25- 11.35	127	7496	1.61	95.08
11.15- 11.25	200	7369	2.54	92.47
11.05- 11.15	235	7169	2.98	90.93
10.95- 11.05	450	6924	5.71	87.95
10.85- 10.95	429	6484	5.44	82.24
10.75- 10.85	387	6055	4.91	76.80
10.65- 10.75	469	5668	5.95	71.89
10.55- 10.65	553	5199	7.01	65.94
10.45- 10.55	510	4646	6.47	58.93
10.35- 10.45	727	4136	9.22	52.46
10.25- 10.35	627	3409	7.95	43.24
10.15- 10.25	537	2782	6.81	35.29
10.05- 10.15	433	2245	5.49	28.48
9.95- 10.05	649	1812	8.23	22.98
9.85- 9.95	286	1163	3.63	14.75
9.75- 9.85	204	877	2.59	11.12
9.65- 9.75	186	673	2.36	8.54
9.55- 9.65	156	487	1.98	6.18
9.45- 9.55	128	331	1.62	4.20
9.35- 9.45	71	203	0.90	2.57
9.25- 9.35	44	132	0.55	1.67
9.15- 9.25	33	88	0.42	1.12
9.05- 9.15	26	55	0.33	0.70
8.95- 9.05	14	29	0.18	0.37
8.85- 8.95	7	15	0.09	0.19
8.75- 8.85	3	8	0.04	0.10
8.65- 8.75	2	5	0.03	0.06
8.55- 8.65	0	3	0.00	0.04
8.45- 8.55	2	3	0.03	0.04
8.35- 8.45	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
10.45	MEAN VALUE	4.12
0.01	SE(MEAN)	0.00
0.53	SD DEVIATION	0.21
0.00	SE(SD DEV)	0.00

SYMMETRY---VETA I = 0.12
KURTOSIS---VETA II = 3.20
COEF. OF VARIATION = 5.04

NUMBER OF SUBJECTS = 7884.



THE PERCENTILES

CENTIMETERS		INCHES
11.75	99TH	4.63
11.59	98TH	4.56
11.48	97TH	4.52
11.35	95TH	4.47
11.13	90TH	4.38
10.99	85TH	4.33
10.89	80TH	4.29
10.79	75TH	4.25
10.71	70TH	4.22
10.64	65TH	4.19
10.57	60TH	4.16
10.50	55TH	4.14
10.44	50TH	4.11
10.37	45TH	4.08
10.31	40TH	4.06
10.24	35TH	4.03
10.17	30TH	4.01
10.10	25TH	3.98
10.02	20TH	3.94
9.92	15TH	3.91
9.80	10TH	3.86
9.61	5TH	3.78
9.48	3RD	3.73
9.38	2RD	3.69
9.22	1ST	3.63

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

..... HAND BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMFCT
10.95- 10.95	1	7884	0.01	100.00
10.75- 10.85	0	7883	0.00	99.99
10.65- 10.75	0	7883	0.00	99.99
10.55- 10.65	0	7883	0.00	99.99
10.45- 10.55	0	7883	0.00	99.99
10.35- 10.45	0	7883	0.00	99.99
10.25- 10.35	2	7883	0.03	99.99
10.15- 10.25	2	7881	0.03	99.96
10.05- 10.15	1	7879	0.01	99.94
9.95- 10.05	11	7878	0.14	99.92
9.85- 9.95	25	7867	0.32	99.78
9.75- 9.85	34	7842	0.43	99.47
9.65- 9.75	54	7808	0.68	99.04
9.55- 9.65	82	7754	1.04	98.35
9.45- 9.55	140	7672	1.78	97.31
9.35- 9.45	226	7532	2.87	95.54
9.25- 9.35	297	7306	3.77	92.67
9.15- 9.25	373	7009	4.98	88.90
9.05- 9.15	483	6616	6.13	83.92
8.95- 9.05	381	6133	11.17	77.79
8.85- 8.95	703	5252	8.92	66.62
8.75- 8.85	537	4549	6.81	57.70
8.65- 8.75	726	4012	9.21	50.89
8.55- 8.65	711	3286	9.02	41.68
8.45- 8.55	603	2575	8.79	32.66
8.35- 8.45	542	1382	6.97	23.87
8.25- 8.35	441	1340	5.59	17.00
8.15- 8.25	323	899	4.10	11.40
8.05- 8.15	197	576	2.50	7.31
7.95- 8.05	156	379	1.98	4.81
7.85- 7.95	105	223	1.33	2.83
7.75- 7.85	55	118	0.70	1.50
7.65- 7.75	38	63	0.48	0.80
7.55- 7.65	11	25	0.14	0.32
7.45- 7.55	5	14	0.06	0.18
7.35- 7.45	5	9	0.06	0.11
7.25- 7.35	1	4	0.01	0.05
7.15- 7.25	1	3	0.01	0.04
7.05- 7.15	1	2	0.01	0.03
6.95- 7.05	0	1	0.00	0.01
6.85- 6.95	1	1	0.01	0.01

*IN. CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS

8.75 MEAN VALUE 3.44
0.00 SE(MEAN) 0.00
0.42 SD DEVIATION 0.16
0.00 SE(SD DEV) 0.00

SYMMETRY---VETA I = 0.02
KURTOSIS---VETA II = 3.10
COEF. OF VARIATION = 4.78

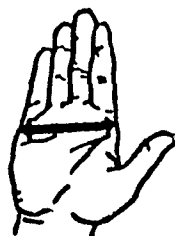
NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS

INCHES

9.74 99TH 3.84
9.61 98TH 3.79
9.54 97TH 3.75
9.43 95TH 3.71
9.28 90TH 3.65
9.18 85TH 3.61
9.10 80TH 3.58
9.03 75TH 3.55
8.97 70TH 3.53
8.91 65TH 3.51
8.85 60TH 3.49
8.80 55TH 3.47
8.75 50TH 3.44
8.70 45TH 3.42
8.64 40TH 3.40
8.59 35TH 3.38
8.53 30TH 3.36
8.47 25TH 3.33
8.39 20TH 3.30
8.31 15TH 3.27
8.21 10TH 3.23
8.05 5TH 3.17
7.96 3PD 3.13
7.89 2RD 3.11
7.78 1ST 3.06



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

ARM REACH-UPWARD

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
155.25-156.25	1	7884	0.01	100.00
154.25-155.25	0	7883	0.00	99.99
153.25-154.25	2	7383	0.03	99.99
152.25-153.25	4	7981	0.05	99.96
151.25-152.25	3	7877	0.04	99.91
150.25-151.25	10	7874	0.13	99.87
149.25-150.25	17	7864	0.22	99.75
148.25-149.25	23	7847	0.29	99.53
147.25-148.25	49	7824	0.62	99.24
146.25-147.25	52	7775	0.66	98.62
145.25-146.25	79	7723	1.00	97.96
144.25-145.25	141	7644	1.79	96.96
143.25-144.25	168	7503	2.13	95.17
142.25-143.25	256	7325	3.25	93.04
141.25-142.25	352	7079	4.46	89.79
140.25-141.25	408	6727	5.18	85.32
139.25-140.25	427	6319	5.42	80.15
138.25-139.25	536	5892	6.80	74.73
137.25-138.25	584	5356	7.41	67.94
136.25-137.25	606	4772	7.69	60.53
135.25-136.25	665	4166	8.43	52.84
134.25-135.25	637	3501	8.08	44.41
133.25-134.25	529	2864	6.71	36.33
132.25-133.25	574	2335	7.28	29.62
131.25-132.25	441	1761	5.59	22.34
130.25-131.25	345	1320	4.38	16.74
129.25-130.25	279	975	3.54	12.37
128.25-129.25	229	696	2.90	8.83
127.25-128.25	166	467	2.11	5.92
126.25-127.25	106	301	1.34	3.82
125.25-126.25	77	155	0.98	2.47
124.25-125.25	51	118	0.65	1.50
123.25-124.25	37	67	0.47	0.85
122.25-123.25	12	30	0.15	0.38
121.25-122.25	9	18	0.11	0.23
120.25-121.25	5	9	0.06	0.11
119.25-120.25	2	4	0.03	0.05
118.25-119.25	1	2	0.01	0.03
117.25-118.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

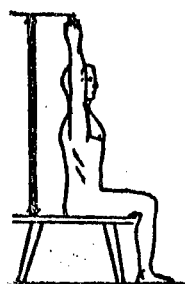
CENTIMETERS	INCHES
135.97	MEAN VALUE 53.53
0.06	SE(MEAN) 0.02
4.96	SD DEVIATION 1.95
0.04	SE(SD DEV) 0.02

SYMMETRY---	VETA I = 0.05
KURTOSIS---	VETA II = 3.02
CCEF. OF VARIATION	= 3.65

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

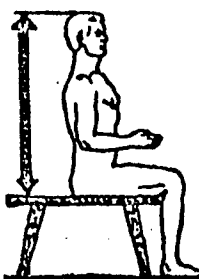
CENTIMETERS	INCHES
147.80	99TH 58.19
146.33	98TH 57.61
145.41	97TH 57.25
144.18	95TH 56.76
142.33	90TH 56.03
141.09	85TH 55.55
140.13	80TH 55.17
139.29	75TH 54.84
138.55	70TH 54.55
137.86	65TH 54.28
137.21	60TH 54.02
136.58	55TH 53.77
135.96	50TH 53.53
135.33	45TH 53.28
134.70	40TH 53.03
134.05	35TH 52.78
132.36	30TH 52.50
132.62	25TH 52.21
131.78	20TH 51.88
130.82	15TH 51.50
129.59	10TH 51.02
127.79	5TH 50.31
126.64	3RD 49.86
125.79	2RD 49.52
124.48	1ST 49.01



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR SITTING HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
100.25-101.25	1	7884	0.01	100.00
99.25-100.25	1	7883	0.01	99.99
98.25-99.25	2	7882	0.03	99.97
97.25-98.25	12	7880	0.15	99.95
96.25-97.25	20	7868	0.25	99.80
95.25-96.25	49	7848	0.62	99.54
94.25-95.25	90	7799	1.14	98.92
93.25-94.25	179	7709	2.27	97.78
92.25-93.25	299	7530	3.79	95.51
91.25-92.25	421	7231	5.34	91.72
90.25-91.25	645	6810	8.18	86.38
89.25-90.25	737	6165	10.11	78.20
88.25-89.25	851	5368	10.79	68.09
87.25-88.25	931	4517	11.81	57.29
86.25-87.25	940	3586	11.92	45.48
85.25-86.25	846	2646	10.73	33.56
84.25-85.25	638	1900	8.09	22.83
83.25-84.25	498	1162	6.32	14.74
82.25-83.25	308	664	3.91	8.42
81.25-82.25	181	356	2.30	4.52
80.25-81.25	85	175	1.13	2.22
79.25-80.25	51	86	0.65	1.09
78.25-79.25	26	35	0.33	0.44
77.25-78.25	4	9	0.05	0.11
76.25-77.25	4	5	0.05	0.06
75.25-76.25	0	1	0.00	0.01
74.25-75.25	1	1	0.01	0.01



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
87.69	MEAN VALUE	34.52
0.04	SE(MEAN)	0.01
3.25	SD DEVIATION	1.28
0.03	SE(SD DEV)	0.01

SYMMETRY---VETA I =	0.04
KURTOSIS---VETA II =	2.96
CCEF. OF VARIATION =	3.71

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS		INCHES
95.34	99TH	37.53
94.48	98TH	37.20
93.92	97TH	36.97
93.14	95TH	36.67
91.93	90TH	36.19
91.11	85TH	35.87
90.46	80TH	35.61
89.89	75TH	35.39
89.39	70TH	35.19
88.93	65TH	35.01
88.49	60TH	34.84
88.07	55TH	34.67
87.65	50TH	34.51
87.23	45TH	34.34
86.82	40TH	34.18
86.39	35TH	34.01
85.94	30TH	33.83
85.45	25TH	33.64
84.91	20TH	33.43
84.29	15TH	33.19
83.50	10TH	32.87
82.34	5TH	32.42
81.59	3RD	32.12
81.03	2RD	31.90
80.14	1ST	31.55

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

EYE HEIGHT-SITTING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
87.25- 88.25	3	7884	0.04	100.00
86.25- 87.25	5	7881	0.06	99.96
85.25- 86.25	14	7876	0.18	99.90
84.25- 85.25	46	7862	0.58	99.72
83.25- 84.25	87	7816	1.10	99.14
82.25- 83.25	157	7729	1.99	98.03
81.25- 82.25	247	7572	3.13	96.04
80.25- 81.25	416	7325	5.28	92.91
79.25- 80.25	631	6909	8.00	87.63
78.25- 79.25	767	6278	9.73	79.63
77.25- 78.25	892	5511	11.31	69.90
76.25- 77.25	914	4619	11.59	58.59
75.25- 76.25	942	3705	11.95	46.99
74.25- 75.25	834	2763	10.58	35.05
73.25- 74.25	712	1929	9.03	24.47
72.25- 73.25	498	1217	6.32	15.44
71.25- 72.25	306	719	3.88	9.12
70.25- 71.25	214	413	2.71	5.24
69.25- 70.25	112	199	1.42	2.52
68.25- 69.25	52	87	0.66	1.10
67.25- 68.25	20	35	0.25	0.44
66.25- 67.25	9	15	0.11	0.19
65.25- 66.25	4	6	0.05	0.08
64.25- 65.25	0	2	0.00	0.03
63.25- 64.25	1	2	0.01	0.03
62.25- 63.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

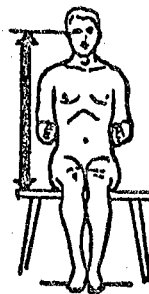
CENTIMETERS		INCHES
76.52	MEAN VALUE	30.13
0.04	SE(MEAN)	0.01
3.24	SD DEVIATION	1.27
0.03	SE(SD DEV)	0.01

SYMMETRY---VETA I =	0.02
KURTOSIS---VETA II =	2.94
CCEF. CF VARIATION =	4.23

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS		INCHES
84.13	99TH	33.12
83.25	98TH	32.78
82.69	97TH	32.55
81.92	95TH	32.25
80.74	90TH	31.79
79.93	85TH	31.47
79.30	80TH	31.22
78.74	75TH	31.00
78.25	70TH	30.81
77.79	65TH	30.63
77.36	60TH	30.46
76.94	55TH	30.29
76.52	50TH	30.13
76.11	45TH	29.96
75.69	40TH	29.80
75.26	35TH	29.63
74.80	30TH	29.45
74.31	25TH	29.26
73.76	20TH	29.04
73.13	15TH	28.79
72.34	10TH	28.48
71.18	5TH	28.02
70.44	3RD	27.73
69.90	2RD	27.52
69.07	1ST	27.19

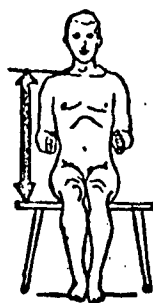


THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 MID-SHOULDER HEIGHT-SITTING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMFCT
69.75- 70.25	1	7884	0.01	100.00
69.25- 69.75	4	7883	0.05	99.99
68.75- 69.25	6	7879	0.08	99.94
68.25- 68.75	10	7873	0.13	99.86
67.75- 68.25	16	7863	0.20	99.73
67.25- 67.75	27	7847	0.34	99.53
66.75- 67.25	39	7820	0.49	99.19
66.25- 66.75	61	7781	0.77	98.69
65.75- 66.25	75	7720	0.95	97.92
65.25- 65.75	128	7645	1.62	96.97
64.75- 65.25	148	7517	1.88	95.35
64.25- 64.75	221	7369	2.80	93.47
63.75- 64.25	306	7148	3.88	90.66
63.25- 63.75	275	6842	3.74	86.78
62.75- 63.25	432	6547	5.48	82.04
62.25- 62.75	428	6115	5.43	77.56
61.75- 62.25	512	5687	6.49	72.13
61.25- 61.75	455	5175	6.28	65.64
60.75- 61.25	555	4680	7.04	59.36
60.25- 60.75	606	4125	7.69	52.32
59.75- 60.25	573	3519	7.33	44.63
59.25- 59.75	517	2941	6.56	37.30
58.75- 59.25	521	2424	6.61	30.75
58.25- 58.75	403	1903	5.11	24.14
57.75- 58.25	368	1500	4.67	19.03
57.25- 57.75	303	1132	3.84	14.36
56.75- 57.25	258	829	3.27	10.51
56.25- 56.75	160	571	2.03	7.24
55.75- 56.25	154	411	1.95	5.21
55.25- 55.75	82	257	1.04	3.26
54.75- 55.25	65	175	0.82	2.22
54.25- 54.75	43	110	0.55	1.40
53.75- 54.25	33	67	0.42	0.85
53.25- 53.75	12	34	0.15	0.43
52.75- 53.25	10	22	0.13	0.28
52.25- 52.75	4	12	0.05	0.15
51.75- 52.25	3	8	0.04	0.10
51.25- 51.75	2	5	0.03	0.06
50.75- 51.25	1	3	0.01	0.04
50.25- 50.75	0	2	0.00	0.03
49.75- 50.25	1	2	0.01	0.03
49.25- 49.75	1	1	0.01	0.01



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
60.64	MEAN VALUE	23.88
0.03	SE(MEAN)	0.01
2.72	SD DEVIATION	1.07
0.02	SE(SD DEV)	0.01

SYMMETRY---VETA I =	0.03
KURTOSIS---VETA II =	2.98
COEF. OF VARIATION =	4.48

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS		INCHES
67.03	99TH	26.39
66.30	98TH	26.10
65.82	97TH	25.91
65.17	95TH	25.66
64.17	90TH	25.26
63.49	85TH	24.99
62.95	80TH	24.78
62.48	75TH	24.60
62.07	70TH	24.44
61.68	65TH	24.28
61.32	60TH	24.14
60.97	55TH	24.00
60.63	50TH	23.87
60.28	45TH	23.73
59.94	40TH	23.60
59.58	35TH	23.46
59.20	30TH	23.31
58.80	25TH	23.15
58.35	20TH	22.97
57.83	15TH	22.77
57.17	10TH	22.51
56.21	5TH	22.13
55.58	3RD	21.88
55.12	2RD	21.70
54.40	1ST	21.42

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 SHOULDER (ACROMION) HEIGHT SITTING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
67.25- 67.75	2	7884	0.03	100.00
66.75- 67.25	6	7882	0.08	99.97
66.25- 66.75	10	7876	0.13	99.90
65.75- 66.25	12	7866	0.16	99.77
65.25- 65.75	20	7852	0.25	99.61
64.75- 65.25	25	7833	0.32	99.35
64.25- 64.75	32	7809	0.41	99.04
63.75- 64.25	61	7776	0.77	98.63
63.25- 63.75	87	7715	1.10	97.86
62.75- 63.25	123	7628	1.56	96.75
62.25- 62.75	164	7505	2.08	95.19
61.75- 62.25	235	7341	2.98	93.11
61.25- 61.75	221	7106	2.80	90.13
60.75- 61.25	292	6885	3.70	87.33
60.25- 60.75	325	6593	4.12	83.63
59.75- 60.25	440	6268	5.58	79.50
59.25- 59.75	430	5828	5.45	73.92
58.75- 59.25	508	5399	6.44	68.47
58.25- 58.75	503	4890	6.38	62.02
57.75- 58.25	543	4387	6.89	55.64
57.25- 57.75	570	3844	7.23	48.76
56.75- 57.25	582	3274	7.38	41.53
56.25- 56.75	495	2692	6.28	34.15
55.75- 56.25	458	2197	5.81	27.87
55.25- 55.75	360	1729	4.57	22.06
54.75- 55.25	339	1370	4.30	17.49
54.25- 54.75	254	1040	3.22	13.19
53.75- 54.25	223	786	2.83	9.97
53.25- 53.75	158	563	2.00	7.14
52.75- 53.25	139	405	1.76	5.14
52.25- 52.75	106	266	1.34	3.37
51.75- 52.25	70	160	0.89	2.03
51.25- 51.75	37	90	0.47	1.14
50.75- 51.25	21	53	0.27	0.67
50.25- 50.75	8	32	0.10	0.41
49.75- 50.25	9	24	0.11	0.30
49.25- 49.75	5	15	0.06	0.19
48.75- 49.25	5	10	0.06	0.13
48.25- 48.75	1	5	0.01	0.06
47.75- 48.25	2	4	0.03	0.05
47.25- 47.75	0	2	0.00	0.03
46.75- 47.25	0	2	0.00	0.03
46.25- 46.75	2	2	0.03	0.03

*IN CENTIMETERS

THE SUMMARY STATISTICS

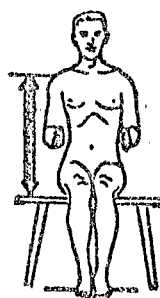
CENTIMETERS		INCHES
57.92	MEAN VALUE	22.80
0.03	SE(MEAN)	0.01
2.86	SD DEVIATION	1.12
0.02	SE(SD DEV)	0.01

SYMMETRY----	VETA I =	0.07
KURTOSIS----	VETA II =	2.97
COEF. OF VARIATION =		4.93

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS		INCHES
64.69	99TH	25.47
63.89	98TH	25.15
63.38	97TH	24.95
62.69	95TH	24.68
61.63	90TH	24.26
60.91	85TH	23.98
60.34	80TH	23.76
59.85	75TH	23.56
59.41	70TH	23.39
59.00	65TH	23.23
58.62	60TH	23.08
58.25	55TH	22.93
57.88	50TH	22.79
57.52	45TH	22.65
57.15	40TH	22.50
56.77	35TH	22.35
56.38	30TH	22.20
55.95	25TH	22.03
55.47	20TH	21.84
54.92	15TH	21.63
54.25	10TH	21.36
53.28	5TH	20.98
52.67	3RD	20.73
52.23	2RD	20.56
51.56	1ST	20.30



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 KNEE HEIGHT-SITTING

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS

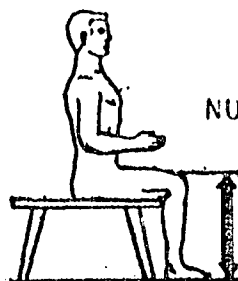
INCHES

51.47 MEAN VALUE 20.26
 0.03 SE(MEAN) 0.01
 2.24 SD DEVIATION 0.88
 0.02 SE(SD DEV) 0.01

SYMMETRY---VETA I = 0.10
 KURTOSIS---VETA II = 3.12
 COEF. OF VARIATION = 4.34

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES



CENTIMETERS

INCHES

56.90	99TH	22.40
56.22	98TH	22.13
55.79	97TH	21.97
55.22	95TH	21.74
54.35	90TH	21.40
53.78	85TH	21.17
53.33	80TH	21.00
52.95	75TH	20.85
52.61	70TH	20.71
52.30	65TH	20.59
52.00	60TH	20.47
51.72	55TH	20.36
51.44	50TH	20.25
51.17	45TH	20.14
50.89	40TH	20.03
50.60	35TH	19.92
50.30	30TH	19.80
49.97	25TH	19.67
49.61	20TH	19.53
49.19	15TH	19.37
48.65	10TH	19.16
47.86	5TH	18.84
47.33	3RD	18.63
46.94	2RD	18.48
46.32	1ST	18.24

RANGES*	F	CUMF	FPCT	CUMPCT
60.75- 61.25	1	7884	0.01	100.00
60.25- 60.75	0	7883	0.00	99.99
59.75- 60.25	2	7883	0.03	99.99
59.25- 59.75	4	7881	0.05	99.96
58.75- 59.25	3	7877	0.04	99.91
58.25- 58.75	6	7874	0.08	99.87
57.75- 58.25	15	7868	0.20	99.80
57.25- 57.75	17	7852	0.22	99.59
56.75- 57.25	41	7835	0.52	99.38
56.25- 56.75	59	7794	0.75	98.86
55.75- 56.25	107	7735	1.36	98.11
55.25- 55.75	122	7628	1.67	96.75
54.75- 55.25	190	7496	2.41	95.08
54.25- 54.75	233	7306	2.95	92.67
53.75- 54.25	349	7073	4.93	89.71
53.25- 53.75	447	6684	5.67	84.78
52.75- 53.25	564	6237	7.15	79.11
52.25- 52.75	590	5673	7.48	71.96
51.75- 52.25	732	5083	9.28	64.47
51.25- 51.75	706	4351	8.95	55.19
50.75- 51.25	685	3645	8.69	46.23
50.25- 50.75	612	2960	7.76	37.54
49.75- 50.25	648	2348	8.22	29.78
49.25- 49.75	487	1700	6.18	21.56
48.75- 49.25	396	1213	4.90	15.39
48.25- 48.75	230	827	2.92	10.49
47.75- 48.25	237	597	3.01	7.57
47.25- 47.75	150	360	1.90	4.57
46.75- 47.25	90	210	1.14	2.66
46.25- 46.75	47	120	0.60	1.52
45.75- 46.25	32	73	0.41	0.93
45.25- 45.75	13	41	0.23	0.52
44.75- 45.25	17	23	0.22	0.29
44.25- 44.75	6	6	0.08	0.08

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
POPLITEAL HEIGHT-SITTING

THE FREQUENCY TABLES

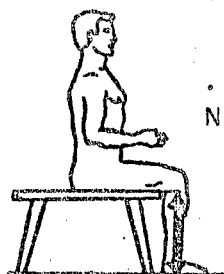
THE SUMMARY STATISTICS

CENTIMETERS		INCHES
40.13	MEAN VALUE	15.80
0.02	SE(MEAN)	0.01
1.80	SD DEVIATION	0.71
0.01	SE(SD DEV)	0.01

RANGES*	F	CUMF	FPCT	CUMFCT
47.75- 49.25	1	7884	0.01	100.00
47.25- 47.75	2	7883	0.03	99.99
46.75- 47.25	2	7881	0.03	99.96
46.25- 46.75	9	7879	0.10	99.94
45.75- 46.25	9	7871	0.11	99.84
45.25- 45.75	12	7862	0.15	99.72
44.75- 45.25	26	7850	0.33	99.57
44.25- 44.75	53	7824	0.67	99.24
43.75- 44.25	97	7771	1.23	98.57
43.25- 43.75	157	7674	1.99	97.34
42.75- 43.25	230	7517	2.92	95.35
42.25- 42.75	292	7287	3.70	92.43
41.75- 42.25	522	6995	6.62	88.72
41.25- 41.75	597	6473	7.57	82.10
40.75- 41.25	834	5876	10.58	74.53
40.25- 40.75	797	5042	10.11	63.95
39.75- 40.25	960	4245	12.18	53.84
39.25- 39.75	821	3285	10.41	41.67
38.75- 39.25	783	2464	9.93	31.25
38.25- 38.75	552	1681	7.00	21.32
37.75- 38.25	438	1129	5.56	14.32
37.25- 37.75	275	691	3.49	8.76
36.75- 37.25	202	416	2.56	5.28
36.25- 36.75	100	214	1.27	2.71
35.75- 36.25	63	114	0.80	1.45
35.25- 35.75	24	51	0.30	0.65
34.75- 35.25	12	27	0.15	0.34
34.25- 34.75	11	15	0.14	0.19
33.75- 34.25	3	4	0.04	0.05
33.25- 33.75	0	1	0.00	0.01
32.75- 33.25	1	1	0.01	0.01

SYMMETRY---VETA I = 0.13
KURTOSIS---VETA II = 3.29
CCEF. OF VARIATION = 4.48

NUMBER OF SUBJECTS = 7884.



THE PERCENTILES

CENTIMETERS		INCHES
44.59	99TH	17.56
44.01	98TH	17.33
43.65	97TH	17.18
43.16	95TH	16.99
42.45	90TH	16.71
41.98	85TH	16.53
41.62	80TH	16.38
41.31	75TH	16.26
41.03	70TH	16.15
40.78	65TH	16.06
40.55	60TH	15.96
40.32	55TH	15.87
40.10	50TH	15.79
39.88	45TH	15.70
39.66	40TH	15.61
39.43	35TH	15.52
39.19	30TH	15.43
38.93	25TH	15.33
38.64	20TH	15.21
38.30	15TH	15.08
37.87	10TH	14.91
37.22	5TH	14.65
36.80	3RD	14.49
36.48	2RD	14.36
35.96	1ST	14.16

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

ARM REACH-FCWARD

THE FREQUENCY TABLES

RANGES*	F	CUMF	PCCT	CUMPCCT
97.25- 98.25	1	7882	0.01	100.00
96.25- 97.25	2	7881	0.03	99.99
95.25- 96.25	16	7873	0.20	99.96
94.25- 95.25	27	7863	0.34	99.76
93.25- 94.25	39	7836	0.48	99.42
92.25- 93.25	94	7798	1.07	98.93
91.25- 92.25	135	7714	1.71	97.87
90.25- 91.25	206	7579	2.61	96.16
89.25- 90.25	300	7373	3.92	93.54
88.25- 89.25	423	7064	5.49	89.62
87.25- 88.25	536	6631	8.07	84.13
86.25- 87.25	752	5995	9.54	76.06
85.25- 86.25	702	5243	10.05	66.52
84.25- 85.25	856	4451	10.86	56.47
83.25- 84.25	396	3595	11.24	45.61
82.25- 83.25	743	2709	9.68	34.37
81.25- 82.25	670	1946	9.50	24.69
80.25- 81.25	482	1276	6.12	16.19
79.25- 80.25	304	794	3.86	10.07
78.25- 79.25	214	490	2.72	6.22
77.25- 78.25	122	276	1.55	3.50
76.25- 77.25	84	154	1.07	1.95
75.25- 76.25	39	70	0.49	0.89
74.25- 75.25	17	31	0.22	0.39
73.25- 74.25	9	14	0.10	0.18
72.25- 73.25	3	6	0.04	0.08
71.25- 72.25	2	3	0.03	0.04
70.25- 71.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

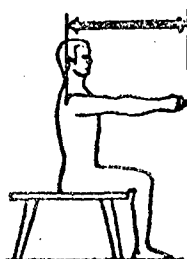
CENTIMETERS		INCHES
84.72	MEAN VALUE	33.35
0.04	SE(MEAN)	0.02
3.60	SD DEVIATION	1.42
0.03	SE(SD DEV)	0.01

SYMMETRY---VETA I =	0.06
KURTOSIS---VETA II =	3.08
CDEF. CF VARIATION =	4.25

NUMBER OF SUBJECTS = 7882.

THE PERCENTILES

CENTIMETERS		INCHES
93.42	99TH	36.78
92.36	98TH	36.36
91.69	97TH	36.10
90.78	95TH	35.74
89.39	90TH	35.19
88.47	85TH	34.83
87.74	80TH	34.54
87.12	75TH	34.30
86.57	70TH	34.08
86.06	65TH	33.88
85.59	60TH	33.70
85.13	55TH	33.51
84.68	50TH	33.34
84.23	45TH	33.16
83.77	40TH	32.98
83.31	35TH	32.80
82.82	30TH	32.60
82.29	25TH	32.40
81.69	20TH	32.16
81.01	15TH	31.89
80.14	10TH	31.55
78.84	5TH	31.04
77.98	3RD	30.70
77.33	2RD	30.45
76.30	1ST	30.04



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SHOULDER-ELBOW LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
41.55- 41.85	1	7883	0.01	100.00
41.25- 41.55	1	7882	0.01	99.99
40.65- 41.25	2	7881	0.03	99.97
40.65- 40.95	5	7879	0.06	99.95
40.35- 40.65	8	7874	0.10	99.89
40.05- 40.35	5	7866	0.06	99.78
39.75- 40.05	15	7861	0.19	99.72
39.45- 39.75	33	7846	0.42	99.53
39.15- 39.45	42	7813	0.62	99.11
38.85- 39.15	75	7764	0.95	98.49
38.55- 38.85	46	7689	0.58	97.54
38.25- 38.55	173	7643	2.19	96.96
37.95- 38.25	185	7470	2.35	94.76
37.65- 37.95	74	7285	0.94	92.41
37.35- 37.65	321	7211	4.07	91.48
37.05- 37.35	310	6890	3.93	87.40
36.75- 37.05	387	6580	4.91	83.47
36.45- 36.75	474	6193	6.01	78.56
36.15- 36.45	558	5719	7.08	72.55
35.85- 36.15	546	5161	6.93	65.47
35.55- 35.85	410	4615	5.20	58.54
35.25- 35.55	847	4205	10.74	53.34
34.95- 35.25	674	3258	8.55	42.60
34.65- 34.95	220	2684	2.79	34.05
34.35- 34.65	656	2464	8.32	31.26
34.05- 34.35	337	1808	4.28	22.94
33.75- 34.05	399	1471	5.06	19.66
33.45- 33.75	313	1072	3.97	13.60
33.15- 33.45	214	759	2.71	9.63
32.85- 33.15	180	545	2.29	6.91
32.55- 32.85	84	365	1.07	4.63
32.25- 32.55	115	281	1.46	3.56
31.95- 32.25	67	166	0.85	2.11
31.65- 31.95	22	99	0.28	1.26
31.35- 31.65	34	77	0.43	0.98
31.05- 31.35	19	43	0.24	0.55
30.75- 31.05	10	24	0.13	0.30
30.45- 30.75	5	14	0.06	0.18
30.15- 30.45	5	9	0.06	0.11
29.85- 30.15	2	4	0.03	0.05
29.55- 29.85	0	2	0.00	0.03
29.25- 29.55	2	2	0.03	0.03

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
35.51	MEAN VALUE	13.98
0.02	SE (MEAN)	0.01
1.62	SD DEVIATION	0.64
0.01	SE (SD DEV)	0.01

SYMMETRY---	VETA I =	0.05
KURTOSIS---	VETA II =	3.10
COEF. OF VARIATION =		4.56

NUMBER OF SUBJECTS = 7883.

THE PERCENTILES

CENTIMETERS		INCHES
39.42	99TH	15.52
38.93	98TH	15.33
38.63	97TH	15.21
38.21	95TH	15.05
37.59	90TH	14.80
37.18	85TH	14.64
36.35	80TH	14.51
36.58	75TH	14.40
36.33	70TH	14.30
36.11	65TH	14.22
35.90	60TH	14.13
35.69	55TH	14.05
35.49	50TH	13.97
35.30	45TH	13.90
35.10	40TH	13.82
34.89	35TH	13.74
34.67	30TH	13.65
34.43	25TH	13.56
34.17	20TH	13.45
33.86	15TH	13.33
33.47	10TH	13.18
32.87	5TH	12.94
32.47	3RD	12.79
32.17	2RD	12.67
31.69	1ST	12.47



*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR ***** FOREARM HAND LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMFCT
53.75- 54.25	1	7883	0.01	100.00
53.25- 53.75	2	7882	0.03	99.99
52.75- 53.25	2	7880	0.03	99.96
52.25- 52.75	6	7878	0.08	99.94
51.75- 52.25	13	7872	0.16	99.86
51.25- 51.75	20	7859	0.25	99.70
50.75- 51.25	42	7839	0.53	99.44
50.25- 50.75	72	7797	0.91	98.91
49.75- 50.25	99	7725	1.26	98.00
49.25- 49.75	195	7626	2.47	96.74
48.75- 49.25	215	7421	2.73	94.27
48.25- 48.75	379	7216	4.81	91.54
47.75- 48.25	431	6837	5.47	86.73
47.25- 47.75	669	6406	8.49	81.26
46.75- 47.25	641	5727	8.13	72.78
46.25- 46.75	869	5056	11.02	64.65
45.75- 46.25	669	4227	8.49	53.62
45.25- 45.75	926	3558	11.75	45.14
44.75- 45.25	621	2632	7.88	33.39
44.25- 44.75	656	2011	8.32	25.51
43.75- 44.25	409	1355	5.19	17.19
43.25- 43.75	350	946	4.44	12.00
42.75- 43.25	212	596	2.69	7.56
42.25- 42.75	189	384	2.40	4.87
41.75- 42.25	89	195	1.13	2.47
41.25- 41.75	55	106	0.70	1.34
40.75- 41.25	26	51	0.33	0.65
40.25- 40.75	20	25	0.25	0.32
39.75- 40.25	2	5	0.03	0.06
39.25- 39.75	1	3	0.01	0.04
38.75- 39.25	2	2	0.03	0.03

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS

INCHES

46.05	MEAN VALUE	18.13
0.02	SE(MEAN)	0.01
1.97	SD DEVIATION	0.78
0.02	SE(SD DEV)	0.01

SYMMETRY---VETA I =	0.08
KURTOSIS---VETA II =	3.09
COEF. OF VARIATION =	4.28

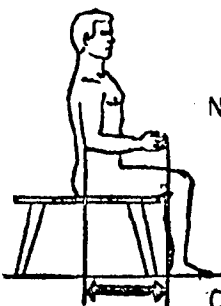
NUMBER OF SUBJECTS = 7883.

THE PERCENTILES

CENTIMETERS

INCHES

50.85	99TH	20.02
50.24	98TH	19.78
49.86	97TH	19.63
49.36	95TH	19.43
48.60	90TH	19.13
48.10	85TH	18.94
47.71	80TH	18.78
47.37	75TH	18.65
47.07	70TH	18.53
46.80	65TH	18.42
46.54	60TH	18.32
46.29	55TH	18.22
46.04	50TH	18.13
45.79	45TH	18.03
45.54	40TH	17.93
45.29	35TH	17.83
45.02	30TH	17.72
44.72	25TH	17.61
44.39	20TH	17.48
44.01	15TH	17.33
43.53	10TH	17.14
42.82	5TH	16.86
42.36	3RD	16.68
42.03	2RD	16.55
41.50	1ST	16.34



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

***** SHOULDER BREADTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS INCHES

42.23 MEAN VALUE 16.63
0.03 SE(MEAN) 0.01
2.26 SD DEVIATION 0.89
0.02 SE(SD DEV) 0.01

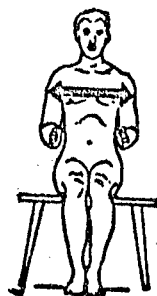
SYMMETRY---VETA I = 0.41
KURTOSIS---VETA II = 3.82
COEF. OF VARIATION = 5.35

NUMBER OF SUBJECTS = 7883.

THE PERCENTILES

CENTIMETERS INCHES

48.52	99TH	19.10
47.49	98TH	18.70
46.90	97TH	18.46
46.15	95TH	18.17
45.11	90TH	17.76
44.47	85TH	17.51
43.99	80TH	17.32
43.60	75TH	17.16
43.26	70TH	17.03
42.95	65TH	16.91
42.66	60TH	16.80
42.39	55TH	16.69
42.12	50TH	16.58
41.86	45TH	16.48
41.59	40TH	16.38
41.32	35TH	16.27
41.04	30TH	16.16
40.73	25TH	16.04
40.39	20TH	15.90
39.99	15TH	15.74
39.48	10TH	15.54
38.73	5TH	15.25
38.25	3RD	15.06
37.89	2RD	14.92
37.34	1ST	14.70



RANGES*	F	CUMF	FPCT	CUMPT
54.75- 54.75	1	7883	0.01	100.00
53.75- 54.25	0	7882	0.00	99.99
53.25- 53.75	1	7882	0.01	99.99
52.75- 53.25	0	7881	0.00	99.97
52.25- 52.75	0	7881	0.00	99.97
51.75- 52.25	1	7881	0.01	99.97
51.25- 51.75	5	7880	0.06	99.96
50.75- 51.25	4	7875	0.05	99.90
50.25- 50.75	7	7871	0.00	99.85
49.75- 50.25	10	7864	0.13	99.76
49.25- 49.75	21	7854	0.27	99.63
48.75- 49.25	18	7823	0.23	99.37
48.25- 48.75	29	7815	0.37	99.14
47.75- 48.25	28	7786	0.36	98.77
47.25- 47.75	54	7758	0.69	98.41
46.75- 47.25	69	7704	0.88	97.73
46.25- 46.75	137	7625	1.74	96.85
45.75- 46.25	107	7498	1.36	95.12
45.25- 45.75	247	7391	3.13	92.76
44.75- 45.25	188	7144	2.38	90.63
44.25- 44.75	442	6956	5.61	88.24
43.75- 44.25	407	6514	5.16	82.63
43.25- 43.75	660	6107	8.37	77.47
42.75- 43.25	559	5447	7.09	69.10
42.25- 42.75	744	4888	9.44	62.01
41.75- 42.25	672	4144	8.52	52.57
41.25- 41.75	869	3472	11.02	44.04
40.75- 41.25	584	2603	7.41	33.02
40.25- 40.75	678	2019	8.60	25.61
39.75- 40.25	346	1341	4.39	17.01
39.25- 39.75	388	955	4.92	12.62
38.75- 39.25	198	607	2.51	7.70
38.25- 38.75	185	409	2.35	5.19
37.75- 38.25	79	224	1.00	2.84
37.25- 37.75	85	145	1.08	1.84
36.75- 37.25	27	60	0.34	0.76
36.25- 36.75	13	33	0.16	0.42
35.75- 36.25	3	20	0.10	0.25
35.25- 35.75	7	12	0.09	0.15
34.75- 35.25	1	5	0.01	0.06
34.25- 34.75	1	4	0.01	0.05
33.75- 34.25	3	3	0.04	0.04

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

***** ELBOW-TO-ELBOW BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMFCT
59.25- 60.25	1	7391	0.01	100.00
58.25- 59.25	1	7392	0.01	99.99
57.25- 58.25	2	7372	0.04	99.97
56.25- 57.25	3	7874	0.04	99.94
55.25- 56.25	2	7873	0.03	99.90
54.25- 55.25	4	7871	0.08	99.87
53.25- 54.25	17	7865	0.22	99.80
52.25- 53.25	12	7848	0.24	99.58
51.25- 52.25	31	7829	0.39	99.34
50.25- 51.25	45	7798	0.57	98.95
49.25- 50.25	77	7753	0.98	98.38
48.25- 49.25	129	7676	1.38	97.40
47.25- 48.25	126	7567	1.60	96.02
46.25- 47.25	222	7441	2.82	94.42
45.25- 46.25	221	7219	3.62	91.60
44.25- 45.25	453	6928	5.75	87.91
43.25- 44.25	656	6475	8.83	82.16
42.25- 43.25	923	5779	11.29	73.33
41.25- 42.25	1281	4881	13.72	61.93
40.25- 41.25	1080	3800	13.70	48.22
39.25- 40.25	1200	2720	12.60	34.51
38.25- 39.25	734	1720	9.31	21.82
37.25- 38.25	470	986	6.08	12.51
36.25- 37.25	286	507	3.63	6.43
35.25- 36.25	126	221	1.60	2.80
34.25- 35.25	43	95	0.55	1.21
33.25- 34.25	20	52	0.25	0.66
32.25- 33.25	17	32	0.22	0.41
31.25- 32.25	8	15	0.10	0.19
30.25- 31.25	6	7	0.08	0.09
29.25- 30.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

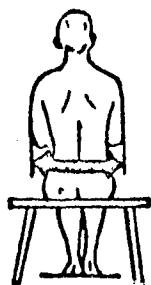
CENTIMETERS		INCHES
41.62	MEAN VALUE	16.38
0.04	SE(MEAN)	0.01
3.28	SD DEVIATION	1.29
0.03	SE(SD DEV)	0.01

SYMMETRY---VETA I = 0.67
KLPTOSIS---VETA II = 4.49
COEF. OF VARIATION = 7.88

NUMBER OF SUBJECTS = 7881.

THE PERCENTILES

CENTIMETERS		INCHES
51.49	99TH	20.27
49.80	98TH	19.61
48.82	97TH	19.22
47.57	95TH	18.73
45.87	90TH	18.06
44.84	85TH	17.65
44.09	80TH	17.36
43.48	75TH	17.12
42.97	70TH	16.92
42.51	65TH	16.74
42.09	60TH	16.57
41.71	55TH	16.42
41.34	50TH	16.27
40.97	45TH	16.13
40.62	40TH	15.99
40.26	35TH	15.85
39.89	30TH	15.70
39.49	25TH	15.55
39.05	20TH	15.37
38.55	15TH	15.18
37.90	10TH	14.92
36.92	5TH	14.53
36.25	3PD	14.27
35.73	2RD	14.07
34.88	1ST	13.73



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HIP BREADTH--SITTING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
41.25- 41.75	1	7382	0.01	100.00
40.75- 41.25	0	7381	0.00	99.99
40.25- 40.75	3	7381	0.04	99.99
39.75- 40.25	4	7878	0.05	99.95
39.25- 39.75	11	7874	0.14	99.90
38.75- 39.25	11	7863	0.14	99.76
38.25- 38.75	34	7852	0.43	99.62
37.75- 38.25	29	7818	0.37	99.19
37.25- 37.75	57	7789	0.72	98.82
36.75- 37.25	85	7732	1.08	98.10
36.25- 36.75	174	7647	2.21	97.02
35.75- 36.25	181	7473	2.30	94.81
35.25- 35.75	334	7292	4.24	92.51
34.75- 35.25	313	6958	3.97	88.23
34.25- 34.75	632	6545	8.02	84.31
33.75- 34.25	584	6013	7.41	76.29
33.25- 33.75	924	5429	11.72	68.88
32.75- 33.25	857	4505	10.87	57.16
32.25- 32.75	1025	3648	13.02	46.28
31.75- 32.25	769	2622	9.76	33.27
31.25- 31.75	681	1853	8.64	23.51
30.75- 31.25	473	1172	6.00	14.87
30.25- 30.75	355	699	4.50	8.87
29.75- 30.25	162	344	2.06	4.36
29.25- 29.75	111	182	1.41	2.31
28.75- 29.25	41	71	0.52	0.90
28.25- 28.75	18	30	0.23	0.38
27.75- 28.25	5	12	0.06	0.15
27.25- 27.75	5	7	0.06	0.09
26.75- 27.25	2	2	0.03	0.03



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
33.05	MEAN VALUE	13.01
0.02	SE(MEAN)	0.01
1.80	SD DEVIATION	0.71
0.01	SE(SD DEV)	0.01

SYMMETRY---VETA I =	0.43
KURTOSIS---VETA II =	3.49
COEF. OF VARIATION =	5.46

NUMBER OF SUBJECTS = 7882.

THE PERCENTILES

CENTIMETERS		INCHES
37.98	99TH	14.95
37.24	98TH	14.66
36.79	97TH	14.49
36.22	95TH	14.26
35.39	90TH	13.93
34.87	85TH	13.73
34.48	80TH	13.58
34.15	75TH	13.45
33.87	70TH	13.33
33.61	65TH	13.23
33.37	60TH	13.14
33.15	55TH	13.05
32.93	50TH	12.96
32.72	45TH	12.88
32.50	40TH	12.80
32.28	35TH	12.71
32.06	30TH	12.62
31.82	25TH	12.53
31.55	20TH	12.42
31.24	15TH	12.30
30.86	10TH	12.15
30.30	5TH	11.93
29.94	3RD	11.79
29.68	2RD	11.68
29.25	1ST	11.52

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

***** BUTTOCK-KNEE LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
65.25- 65.75	1	7383	0.01	100.00
64.75- 65.25	0	7382	0.00	99.99
64.25- 64.75	1	7382	0.01	99.99
63.75- 64.25	1	7381	0.01	99.97
63.25- 63.75	2	7380	0.03	99.96
62.75- 63.25	6	7378	0.08	99.94
62.25- 62.75	7	7372	0.09	99.86
61.75- 62.25	16	7365	0.22	99.77
61.25- 61.75	44	7349	0.55	99.57
60.75- 61.25	39	7305	0.49	99.01
60.25- 60.75	90	7266	1.14	98.52
59.75- 60.25	85	7276	1.08	97.37
59.25- 59.75	131	7591	2.30	96.30
58.75- 59.25	200	7410	2.54	94.00
58.25- 58.75	355	7210	4.50	91.46
57.75- 58.25	310	6855	3.93	86.96
57.25- 57.75	471	6545	5.97	83.03
56.75- 57.25	483	6074	6.13	77.05
56.25- 56.75	639	5591	8.74	70.92
55.75- 56.25	549	4902	6.96	62.18
55.25- 55.75	831	4353	10.54	55.22
54.75- 55.25	509	3522	6.46	44.68
54.25- 54.75	674	3013	8.55	38.22
53.75- 54.25	567	2339	7.19	29.67
53.25- 53.75	497	1772	6.30	22.48
52.75- 53.25	350	1275	4.44	16.17
52.25- 52.75	322	925	4.21	11.73
51.75- 52.25	202	593	2.56	7.52
51.25- 51.75	153	391	1.94	4.96
50.75- 51.25	83	233	1.05	3.02
50.25- 50.75	68	155	0.86	1.97
49.75- 50.25	41	87	0.52	1.10
49.25- 49.75	25	46	0.32	0.58
48.75- 49.25	14	21	0.18	0.27
48.25- 48.75	3	7	0.04	0.09
47.75- 48.25	1	4	0.01	0.05
47.25- 47.75	2	3	0.03	0.04
46.75- 47.25	1	1	0.01	0.01

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
55.52	MEAN VALUE	21.86
0.03	SE(MEAN)	0.01
2.35	SD DEVIATION	0.92
0.02	SE(SD DEV)	0.01

SYMMETRY---VETA I =	0.09
KURTOSIS---VETA II =	3.02
COEF. OF VARIATION =	4.23

NUMBER OF SUBJECTS = 7883.

THE PERCENTILES

CENTIMETERS		INCHES
61.23	99TH	24.10
60.53	98TH	23.83
60.09	97TH	23.66
59.49	95TH	23.42
58.58	90TH	23.06
57.97	85TH	22.82
57.49	80TH	22.64
57.09	75TH	22.47
56.72	70TH	22.33
56.39	65TH	22.20
56.08	60TH	22.08
55.78	55TH	21.96
55.49	50TH	21.85
55.19	45TH	21.73
54.90	40TH	21.61
54.60	35TH	21.49
54.28	30TH	21.37
53.94	25TH	21.23
53.56	20TH	21.08
53.12	15TH	20.91
52.56	10TH	20.69
51.74	5TH	20.37
51.20	3RD	20.16
50.80	2RD	20.00
50.16	1ST	19.75



*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

BUTTOCK-POPLITEAL LENGTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

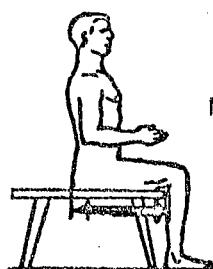
CENTIMETERS	INCHES
45.30 MEAN VALUE	17.83
0.02 SE(MEAN)	0.01
2.14 SD DEVIATION	0.84
0.02 SE(SD DEV)	0.01

SYMMETRY---VETA I = 0.06
KURTOSIS---VETA II = 3.03
COEF. OF VARIATION = 4.73

NUMBER OF SUBJECTS = 7883.

THE PERCENTILES

CENTIMETERS	INCHES
50.48 99TH	19.87
49.84 98TH	19.62
49.43 97TH	19.46
48.89 95TH	19.25
48.08 90TH	18.93
47.53 85TH	18.71
47.11 80TH	18.55
46.74 75TH	18.40
46.42 70TH	18.27
46.12 65TH	18.16
45.83 60TH	18.04
45.56 55TH	17.94
45.29 50TH	17.83
45.02 45TH	17.72
44.75 40TH	17.62
44.47 35TH	17.51
44.17 30TH	17.39
43.85 25TH	17.26
43.50 20TH	17.12
43.08 15TH	16.96
42.56 10TH	16.76
41.80 5TH	16.46
41.30 3RD	16.26
40.94 2RD	16.12
40.38 1ST	15.90



RANGES*	F	CUMF	FPCT	CUMFCT
52.75- 53.25	2	7883	0.03	100.00
52.25- 52.75	1	7881	0.01	99.97
51.75- 52.25	11	7890	0.14	99.96
51.25- 51.75	18	7869	0.23	99.82
50.75- 51.25	29	7851	0.37	99.59
50.25- 50.75	36	7822	0.46	99.23
49.75- 50.25	65	7786	0.82	98.77
49.25- 49.75	126	7721	1.60	97.94
48.75- 49.25	160	7595	2.03	96.35
48.25- 48.75	235	7435	2.98	94.32
47.75- 48.25	282	7200	3.58	91.34
47.25- 47.75	444	6918	5.63	87.76
46.75- 47.25	557	6474	7.07	82.13
46.25- 46.75	655	5917	8.31	75.06
45.75- 46.25	694	5262	8.68	66.75
45.25- 45.75	694	4578	8.80	58.07
44.75- 45.25	685	3884	8.69	49.27
44.25- 44.75	727	3199	9.22	40.58
43.75- 44.25	622	2472	7.89	31.36
43.25- 43.75	521	1850	6.61	23.47
42.75- 43.25	435	1329	5.52	15.86
42.25- 42.75	307	894	3.89	11.34
41.75- 42.25	229	587	2.90	7.45
41.25- 41.75	140	359	1.73	4.54
40.75- 41.25	89	218	1.13	2.77
40.25- 40.75	68	129	0.86	1.64
39.75- 40.25	32	61	0.41	0.77
39.25- 39.75	12	29	0.15	0.37
38.75- 39.25	8	17	0.10	0.22
38.25- 38.75	6	9	0.08	0.11
37.75- 38.25	2	3	0.03	0.04
37.25- 37.75	1	1	0.01	0.01

*IN. CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

BACK-WAIST LENGTH

THE FREQUENCY TABLES

RANGES* F CUMF FPCT CUMFCT

58.75- 59.25	1	7884	0.01	100.00
58.25- 59.75	1	7883	0.00	99.99
57.75- 58.25	0	7883	0.00	99.99
57.25- 57.75	0	7883	0.00	99.99
56.75- 57.25	3	7883	0.04	99.99
56.25- 56.75	1	7880	0.01	99.95
55.75- 56.25	2	7879	0.04	99.94
55.25- 55.75	3	7876	0.04	99.90
54.75- 55.25	7	7873	0.09	99.86
54.25- 54.75	9	7866	0.11	99.77
53.75- 54.25	21	7857	0.27	99.66
53.25- 53.75	27	7834	0.34	99.39
52.75- 53.25	54	7800	0.69	99.05
52.25- 52.75	60	7755	0.76	98.36
51.75- 52.25	111	7695	1.41	97.60
51.25- 51.75	136	7584	1.73	96.19
50.75- 51.25	164	7448	2.09	94.47
50.25- 50.75	74	7284	0.94	92.39
49.75- 50.25	534	7210	6.77	91.45
49.25- 49.75	231	6676	2.56	84.68
48.75- 49.25	447	6395	5.67	81.11
48.25- 48.75	522	5948	6.63	75.44
47.75- 48.25	529	5425	7.98	68.81
47.25- 47.75	533	4796	6.76	60.83
46.75- 47.25	555	4263	7.04	54.07
46.25- 46.75	530	3708	6.84	47.03
45.75- 46.25	668	3169	8.47	40.20
45.25- 45.75	505	2501	6.41	31.72
44.75- 45.25	457	1996	5.71	25.32
44.25- 44.75	322	1546	4.08	19.61
43.75- 44.25	357	1224	4.53	15.53
43.25- 43.75	200	867	2.65	11.00
42.75- 43.25	192	658	2.44	8.35
42.25- 42.75	127	466	1.61	5.91
41.75- 42.25	124	339	1.57	4.30
41.25- 41.75	63	215	0.80	2.73
40.75- 41.25	52	152	0.66	1.93
40.25- 40.75	9	100	0.11	1.27
39.75- 40.25	44	91	0.56	1.15
39.25- 39.75	9	47	0.11	0.60
38.75- 39.25	7	38	0.09	0.48
38.25- 38.75	3	31	0.04	0.39
37.75- 38.25	5	28	0.06	0.36
37.25- 37.75	8	23	0.10	0.29
36.75- 37.25	7	15	0.09	0.19
36.25- 36.75	3	8	0.04	0.10
35.75- 36.25	2	5	0.03	0.06
35.25- 35.75	1	3	0.01	0.04
34.75- 35.25	2	2	0.03	0.03

THE SUMMARY STATISTICS

CENTIMETERS INCHES

46.93 MEAN VALUE 18.47
0.03 SE(MEAN) 0.01
2.70 SD DEVIATION 1.06
0.02 SE(SD DEV) 0.01

SYMMETRY---VETA I = -0.11
KURTOSIS---VETA II = 3.50
COEF. OF VARIATION = 5.76

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS INCHES

53.23	99TH	20.96
52.49	98TH	20.66
52.01	97TH	20.48
51.36	95TH	20.22
50.36	90TH	19.83
49.69	85TH	19.56
49.17	80TH	19.36
48.72	75TH	19.18
48.32	70TH	19.02
47.96	65TH	18.88
47.61	60TH	18.74
47.28	55TH	18.61
46.96	50TH	18.49
46.63	45TH	18.36
46.30	40TH	18.23
45.96	35TH	18.10
45.61	30TH	17.96
45.22	25TH	17.80
44.77	20TH	17.63
44.26	15TH	17.42
43.58	10TH	17.16
42.51	5TH	16.74
41.77	3RD	16.44
41.18	2RD	16.21
40.20	1ST	15.83



*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR SHOULDER LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMFCT
10.55- 10.75	1	7884	0.01	100.00
10.75- 10.95	3	7887	0.10	99.99
10.95- 10.15	2	7875	0.03	99.83
10.15- 10.15	6	7873	0.11	99.86
10.75- 18.05	9	7864	0.11	99.75
18.05- 19.75	12	7855	0.15	99.63
18.75- 18.55	29	7843	0.37	99.48
18.15- 18.35	21	7814	0.27	99.11
17.05- 18.15	96	7793	1.22	98.85
17.75- 17.95	51	7697	0.65	97.63
17.55- 17.75	20	7646	0.25	96.98
17.35- 17.55	135	7626	2.35	96.73
17.15- 17.35	82	7441	1.04	94.39
16.95- 17.15	458	7259	5.81	92.34
16.75- 16.95	124	6901	1.57	87.53
16.55- 16.75	146	6777	1.85	85.96
16.35- 16.55	537	6631	6.81	84.11
16.15- 16.35	271	6094	3.44	77.30
15.95- 16.15	1134	5822	14.38	73.86
15.75- 15.95	282	4689	3.58	59.47
15.55- 15.75	288	4407	3.65	55.90
15.35- 15.55	910	4119	11.54	52.25
15.15- 15.35	382	3209	4.86	40.70
14.95- 15.15	1370	2826	17.38	35.84
14.75- 14.95	160	1456	2.03	18.47
14.55- 14.75	188	1296	2.38	16.44
14.35- 14.55	513	1108	6.51	14.05
14.15- 14.35	140	595	1.78	7.55
13.95- 14.15	326	455	4.13	5.77
13.75- 13.95	27	129	0.34	1.64
13.55- 13.75	22	102	0.28	1.29
13.35- 13.55	47	80	0.60	1.01
13.15- 13.35	13	33	0.16	0.42
12.95- 13.15	16	20	0.20	0.25
12.75- 12.95	0	4	0.00	0.05
12.55- 12.75	0	4	0.00	0.05
12.35- 12.55	2	4	0.03	0.05
12.15- 12.35	0	2	0.00	0.03
11.95- 12.15	1	2	0.01	0.03
11.75- 11.95	0	1	0.00	0.01
11.55- 11.75	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS

INCHES

15.65 MEAN VALUE 6.16
0.01 SE(MEAN) 0.00
0.99 SD DEVIATION 0.39
0.01 SE(SD DEV) 0.00

SYMMETRY---VETA I = 0.41
KURTOSIS---VETA II = 3.35
COEF. OF VARIATION = 6.32

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS

INCHES

18.30 99TH 7.20
17.96 98TH 7.07
17.74 97TH 6.98
17.44 95TH 6.87
16.99 90TH 6.69
16.69 85TH 6.57
16.46 80TH 6.48
16.27 75TH 6.41
16.11 70TH 6.34
15.96 65TH 6.28
15.82 60TH 6.23
15.69 55TH 6.18
15.57 50TH 6.13
15.45 45TH 6.08
15.33 40TH 6.04
15.22 35TH 5.99
15.10 30TH 5.94
14.97 25TH 5.89
14.83 20TH 5.84
14.68 15TH 5.78
14.48 10TH 5.70
14.19 5TH 5.59
14.00 3RD 5.51
13.85 2RD 5.45
13.60 1ST 5.35



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
INTERSCYE BREATH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
52.25- 52.75	1	7884	0.01	100.00
51.75- 52.25	0	7883	0.00	99.99
51.25- 51.75	1	7883	0.01	99.99
50.75- 51.25	0	7882	0.00	99.97
50.25- 50.75	0	7882	0.00	99.97
49.75- 50.25	3	7882	0.04	99.97
49.25- 49.75	4	7879	0.05	99.94
48.75- 49.25	6	7875	0.08	99.89
48.25- 48.75	9	7869	0.10	99.81
47.75- 48.25	9	7861	0.11	99.71
47.25- 47.75	13	7852	0.16	99.59
46.75- 47.25	21	7839	0.27	99.43
46.25- 46.75	22	7818	0.28	99.16
45.75- 46.25	46	7796	0.58	98.88
45.25- 45.75	52	7750	0.66	98.30
44.75- 45.25	66	7698	0.84	97.64
44.25- 44.75	91	7632	1.15	96.80
43.75- 44.25	169	7541	2.13	95.65
43.25- 43.75	172	7373	2.18	93.52
42.75- 43.25	305	7201	3.87	91.34
42.25- 42.75	270	6896	3.54	87.47
41.75- 42.25	334	6617	4.24	82.93
41.25- 41.75	411	6283	5.21	79.69
40.75- 41.25	337	5872	4.27	74.48
40.25- 40.75	88	5535	1.12	70.21
39.75- 40.25	1080	5447	12.81	65.09
39.25- 39.75	460	4358	5.95	55.28
38.75- 39.25	612	3889	7.76	45.33
38.25- 38.75	434	3277	5.50	41.57
37.75- 38.25	497	2843	6.20	36.06
37.25- 37.75	359	2346	4.54	29.76
36.75- 37.25	400	1988	5.07	25.22
36.25- 36.75	308	1588	3.91	20.14
35.75- 36.25	276	1280	3.50	16.24
35.25- 35.75	243	1104	3.08	12.73
34.75- 35.25	184	761	2.33	9.65
34.25- 34.75	137	577	1.74	7.32
33.75- 34.25	155	440	1.97	5.58
33.25- 33.75	76	285	0.96	3.61
32.75- 33.25	70	209	0.89	2.65
32.25- 32.75	46	139	0.58	1.76
31.75- 32.25	36	93	0.46	1.19
31.25- 31.75	25	57	0.32	0.72
30.75- 31.25	18	32	0.23	0.41
30.25- 30.75	4	14	0.05	0.18
29.75- 30.25	3	10	0.10	0.13
29.25- 29.75	0	2	0.00	0.03
28.75- 29.25	1	2	0.01	0.03
28.25- 28.75	0	1	0.00	0.01
27.75- 28.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS INCHES

39.22 MEAN VALUE 15.44
0.03 SE(MEAN) 0.01
3.03 SD DEVIATION 1.19
0.02 SE(SD DEV) 0.01

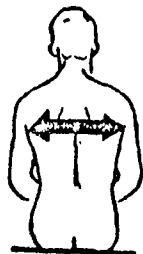
SYMMETRY---VETA I = 0.02
KURTOSIS---VETA II = 3.16
COEF. OF VARIATION = 7.72

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS INCHES

46.47	99TH	18.30
45.49	98TH	17.91
44.90	97TH	17.68
44.13	95TH	17.39
43.02	90TH	16.94
42.29	85TH	16.65
41.72	80TH	16.43
41.24	75TH	16.24
40.80	70TH	16.06
40.40	65TH	15.91
40.02	60TH	15.76
39.65	55TH	15.61
39.28	50TH	15.46
38.90	45TH	15.32
38.52	40TH	15.17
38.12	35TH	15.01
37.70	30TH	14.84
37.24	25TH	14.66
36.72	20TH	14.46
36.11	15TH	14.22
35.33	10TH	13.91
34.17	5TH	13.45
33.42	3RD	13.16
32.87	2RD	12.94
32.04	1ST	12.61



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

INTERSCYE MAXIMUM

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES*	F	CUME	FPCT	CUMFCT
72.25- 72.25	1	7884	0.01	100.00
71.25- 72.25	0	7883	0.00	99.99
70.25- 71.25	0	7883	0.00	99.99
69.25- 70.25	1	7883	0.01	99.99
68.25- 69.25	2	7882	0.03	99.97
67.25- 68.25	11	7880	0.14	99.95
66.25- 67.25	18	7869	0.23	99.81
65.25- 66.25	25	7851	0.32	99.58
64.25- 65.25	43	7826	0.55	99.26
63.25- 64.25	73	7783	0.93	98.72
62.25- 63.25	187	7710	2.37	97.79
61.25- 62.25	194	7523	2.46	95.42
60.25- 61.25	150	7329	1.90	92.96
59.25- 60.25	713	7179	9.04	91.06
58.25- 59.25	589	6466	7.47	82.01
57.25- 58.25	761	5877	9.65	74.54
56.25- 57.25	792	5116	10.05	64.89
55.25- 56.25	851	4324	10.79	54.85
54.25- 55.25	745	3473	9.45	44.05
53.25- 54.25	632	2728	8.02	34.60
52.25- 53.25	600	2096	7.61	26.59
51.25- 52.25	482	1496	6.11	18.98
50.25- 51.25	253	1014	3.21	12.86
49.25- 50.25	306	761	3.88	9.65
48.25- 49.25	105	455	1.33	5.77
47.25- 48.25	107	350	1.36	4.44
46.25- 47.25	57	243	0.72	3.08
45.25- 46.25	51	186	0.65	2.36
44.25- 45.25	43	125	0.55	1.71
43.25- 44.25	38	92	0.48	1.17
42.25- 43.25	13	54	0.16	0.68
41.25- 42.25	14	41	0.18	0.52
40.25- 41.25	3	27	0.04	0.34
39.25- 40.25	12	24	0.15	0.30
38.25- 39.25	11	12	0.14	0.15
37.25- 38.25	1	1	0.01	0.01



CENTIMETERS	INCHES
55.62 MEAN VALUE	21.90
0.05 SE(MEAN)	0.02
4.10 SD DEVIATION	1.62
0.03 SE(SD DEV)	0.01

SYMMETRY---VETA I = -0.42
KURTOSIS---VETA II = 3.95
COEF. OF VARIATION = 7.38

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS	INCHES
64.72	99TH 25.48
63.58	98TH 25.03
62.87	97TH 24.75
61.92	95TH 24.38
60.51	90TH 23.82
59.58	85TH 23.46
58.86	80TH 23.17
58.25	75TH 22.93
57.70	70TH 22.72
57.20	65TH 22.52
56.72	60TH 22.33
56.25	55TH 22.15
55.79	50TH 21.96
55.32	45TH 21.78
54.83	40TH 21.59
54.32	35TH 21.39
53.77	30TH 21.17
53.16	25TH 20.93
52.45	20TH 20.65
51.58	15TH 20.31
50.40	10TH 19.84
48.45	5TH 19.07
47.02	3RD 18.51
45.88	2RD 18.06
43.90	1ST 17.28

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SLEEVE INSEAM

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

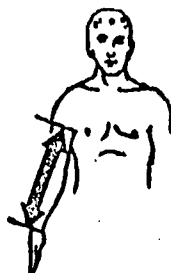
CENTIMETERS		INCHES
46.64	MEAN VALUE	18.36
0.03	SE(MEAN)	0.01
2.32	SD DEVIATION	0.92
0.02	SE(SD DEV)	0.01

SYMMETRY---VETA I = 0.02
KURTOSIS---VETA II = 3.31
COEF. OF VARIATION = 4.98

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS		INCHES
52.14	90TH	20.53
51.47	98TH	20.27
51.05	97TH	20.10
50.48	95TH	19.87
49.61	90TH	19.53
49.03	85TH	19.30
48.58	80TH	19.13
48.19	75TH	18.97
47.84	70TH	18.84
47.53	65TH	18.71
47.23	60TH	18.59
46.94	55TH	18.48
46.65	50TH	18.37
46.37	45TH	18.26
46.08	40TH	18.14
45.78	35TH	18.03
45.47	30TH	17.90
45.13	25TH	17.77
44.75	20TH	17.62
44.30	15TH	17.44
43.73	10TH	17.22
42.86	5TH	16.87
42.27	3RD	16.64
41.83	2RD	16.47
41.11	1ST	16.18



RANGES*	F	CUMF	FPCT	CUMFCT
58.25- 58.75	1	7884	0.01	100.00
57.75- 58.25	1	7883	0.01	99.99
57.25- 57.75	0	7882	0.00	99.97
56.75- 57.25	0	7882	0.00	99.97
56.25- 56.75	0	7882	0.00	99.97
55.75- 56.25	0	7882	0.00	99.97
55.25- 55.75	2	7882	0.03	99.97
54.75- 55.25	4	7880	0.05	99.95
54.25- 54.75	4	7876	0.05	99.90
53.75- 54.25	7	7872	0.09	99.85
53.25- 53.75	7	7865	0.09	99.76
52.75- 53.25	13	7858	0.23	99.67
52.25- 52.75	28	7840	0.35	99.44
51.75- 52.25	52	7812	0.66	99.09
51.25- 51.75	78	7760	0.99	98.43
50.75- 51.25	96	7682	1.09	97.44
50.25- 50.75	50	7596	0.63	96.35
49.75- 50.25	416	7546	5.28	95.71
49.25- 49.75	288	7130	3.65	90.44
48.75- 49.25	427	6842	5.42	86.78
48.25- 48.75	492	6415	6.24	81.37
47.75- 48.25	590	5923	7.48	75.13
47.25- 47.75	590	5333	7.48	67.64
46.75- 47.25	537	4743	8.08	60.16
46.25- 46.75	629	4106	7.98	52.08
45.75- 46.25	731	3477	9.27	44.10
45.25- 45.75	612	2746	7.76	34.83
44.75- 45.25	548	2124	6.95	27.07
44.25- 44.75	427	1586	5.42	20.12
43.75- 44.25	398	1159	5.05	14.70
43.25- 43.75	224	761	2.84	9.65
42.75- 43.25	205	537	2.60	6.81
42.25- 42.75	107	332	1.36	4.21
41.75- 42.25	84	225	1.07	2.85
41.25- 41.75	48	141	0.61	1.79
40.75- 41.25	36	93	0.46	1.18
40.25- 40.75	8	57	0.10	0.72
39.75- 40.25	31	49	0.39	0.62
39.25- 39.75	4	18	0.05	0.23
38.75- 39.25	10	14	0.13	0.18
38.25- 38.75	3	4	0.04	0.05
37.75- 38.25	0	1	0.00	0.01
37.25- 37.75	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 SLEEVE LENGTH (SPINE TO WRIST)

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
82.12	MEAN VALUE	32.33
0.04	SE(MEAN)	0.02
2.51	SD DEVIATION	1.38
0.03	SE(SD DEV)	0.01

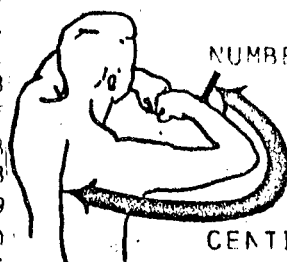
RANGES*	F	CUMF	FPCT	CUMFCT
98.25- 99.25	1	7384	0.01	100.00
97.25- 98.25	0	7383	0.00	99.99
96.25- 97.25	1	7383	0.01	99.99
95.25- 96.25	3	7382	0.04	99.97
94.25- 95.25	2	7870	0.03	99.94
93.25- 94.25	8	7877	0.10	99.91
92.25- 93.25	10	7869	0.13	99.81
91.25- 92.25	17	7859	0.22	99.68
90.25- 91.25	15	7842	0.19	99.47
89.25- 90.25	102	7827	1.20	99.28
88.25- 90.25	157	7725	1.99	97.98
87.25- 98.25	252	7568	3.20	95.99
86.25- 87.25	366	7316	4.64	92.80
85.25- 86.25	513	6850	6.57	88.15
84.25- 85.25	724	6432	9.18	81.58
83.25- 84.25	718	5708	9.11	72.40
82.25- 83.25	921	4990	11.68	63.29
81.25- 82.25	964	4060	12.23	51.61
80.25- 81.25	520	3105	6.60	39.38
79.25- 80.25	1027	2585	13.03	32.79
78.25- 79.25	491	1558	6.23	19.76
77.25- 78.25	466	1067	5.91	13.53
76.25- 77.25	244	601	3.09	7.62
75.25- 76.25	150	357	1.90	4.53
74.25- 75.25	90	207	1.14	2.63
73.25- 74.25	60	117	0.76	1.48
72.25- 73.25	33	57	0.42	0.72
71.25- 72.25	10	24	0.13	0.30
70.25- 71.25	7	14	0.09	0.18
69.25- 70.25	6	7	0.08	0.09
68.25- 69.25	1	1	0.01	0.01

 SYMMETRY---VETA I = 0.01
 KURTOSIS---VETA II = 3.22
 COEF. OF VARIATION = 4.27

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS		INCHES
90.03	99TH	35.45
89.26	98TH	35.14
88.73	97TH	34.93
87.95	95TH	34.63
86.69	90TH	34.13
85.80	85TH	33.78
85.10	80TH	33.50
84.49	75TH	33.26
83.95	70TH	33.05
83.44	65TH	32.85
82.97	60TH	32.67
82.52	55TH	32.49
82.07	50TH	32.31
81.63	45TH	32.14
81.18	40TH	31.96
80.72	35TH	31.78
80.25	30TH	31.59
79.73	25TH	31.39
79.15	20TH	31.16
78.49	15TH	30.90
77.63	10TH	30.56
76.33	5TH	30.05
75.44	3RD	29.70
74.76	2RD	29.43
73.61	1ST	28.98



*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HEAD CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPT
60.75- 61.05	2	7894	0.03	100.00
60.45- 60.75	2	7892	0.03	99.97
60.15- 60.45	0	7890	0.00	99.95
59.85- 60.15	10	7880	0.13	99.95
59.55- 59.85	0	7870	0.00	99.82
59.25- 59.55	10	7870	0.13	99.82
58.95- 59.25	50	7860	0.63	99.70
58.65- 58.95	2	7810	0.03	99.26
58.35- 58.65	174	7808	1.32	99.04
58.05- 58.35	1	7704	0.01	97.72
57.75- 58.05	212	7703	2.69	97.70
57.45- 57.75	299	7491	3.79	95.02
57.15- 57.45	18	7192	0.23	91.22
56.85- 57.15	469	7174	5.95	90.99
56.55- 56.85	37	6705	0.47	85.05
56.25- 56.55	615	6668	7.80	84.58
55.95- 56.25	913	6053	11.58	76.78
55.65- 55.95	50	5140	0.63	65.20
55.35- 55.65	979	5090	11.15	64.56
55.05- 55.35	46	4211	0.58	53.41
54.75- 55.05	1082	4165	13.72	52.83
54.45- 54.75	955	3082	10.84	39.10
54.15- 54.45	39	2223	0.49	28.26
53.85- 54.15	814	2189	10.32	27.77
53.55- 53.85	47	1375	0.60	17.44
53.25- 53.55	519	1328	6.58	16.84
52.95- 53.25	404	809	5.12	10.26
52.65- 52.95	12	405	0.15	5.14
52.35- 52.65	183	393	2.32	4.98
52.05- 52.35	4	210	0.05	2.66
51.75- 52.05	103	206	1.31	2.61
51.45- 51.75	63	103	0.80	1.31
51.15- 51.45	4	40	0.05	0.51
50.85- 51.15	26	36	0.33	0.46
50.55- 50.85	0	10	0.00	0.13
50.25- 50.55	8	10	0.10	0.13
49.95- 50.25	2	2	0.03	0.03

CENTIMETERS

INCHES

55.17 MEAN VALUE 21.72
0.02 SE(MEAN) 0.01
1.53 SD DEVIATION 0.60
0.01 SE(SD DEV) 0.00

SYMMETRY---VETA I = 0.06
KURTOSIS---VETA II = 2.99
CCEF. OF VARIATION = 2.77

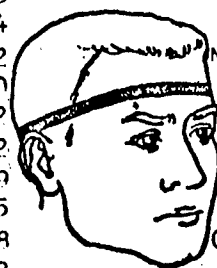
NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS

INCHES

58.68	99TH	23.10
58.30	98TH	22.95
58.06	97TH	22.86
57.71	95TH	22.72
57.16	90TH	22.50
56.77	85TH	22.35
56.47	80TH	22.23
56.21	75TH	22.13
55.97	70TH	22.04
55.76	65TH	21.95
55.55	60TH	21.87
55.35	55TH	21.79
55.16	50TH	21.72
54.96	45TH	21.64
54.77	40TH	21.56
54.57	35TH	21.48
54.36	30TH	21.40
54.13	25TH	21.31
53.87	20TH	21.21
53.58	15TH	21.10
53.21	10TH	20.95
52.66	5TH	20.73
52.30	3RD	20.59
52.03	2RD	20.49
51.60	1ST	20.32



*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

NECK CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
44.25- 44.75	4	7384	0.05	100.00
43.75- 44.25	1	7380	0.01	99.95
43.25- 43.75	1	7379	0.01	99.94
42.75- 43.25	4	7378	0.05	99.92
42.25- 42.75	3	7374	0.04	99.87
41.75- 42.25	37	7371	0.38	99.84
41.25- 41.75	12	7341	0.15	99.45
40.75- 41.25	51	7329	0.65	99.30
40.25- 40.75	47	7278	0.60	98.65
39.75- 40.25	138	7231	1.75	98.06
39.25- 39.75	125	7593	1.59	96.31
38.75- 39.25	256	7468	3.25	94.72
38.25- 38.75	216	7212	2.74	91.49
37.75- 38.25	563	6956	7.14	88.74
37.25- 37.75	433	6423	6.13	81.60
36.75- 37.25	861	5950	10.92	75.47
36.25- 36.75	704	5089	8.93	64.55
35.75- 36.25	1121	4385	14.22	55.62
35.25- 35.75	795	3264	10.08	41.40
34.75- 35.25	882	2469	11.19	31.32
34.25- 34.75	503	1587	6.38	20.13
33.75- 34.25	558	1084	7.08	13.75
33.25- 33.75	212	526	2.69	6.67
32.75- 33.25	190	314	2.41	3.98
32.25- 32.75	60	124	0.76	1.57
31.75- 32.25	36	64	0.46	0.81
31.25- 31.75	15	28	0.19	0.36
30.75- 31.25	10	13	0.13	0.16
30.25- 30.75	0	3	0.00	0.04
29.75- 30.25	3	3	0.04	0.04

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
36.18	MEAN VALUE	14.24
0.02	SE(MEAN)	0.01
1.79	SD DEVIATION	0.71
0.01	SE(SD DEV)	0.01

SYMMETRY---VETA I =	0.41
KURTOSIS---VETA II =	3.57
COEF. OF VARIATION =	4.96

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS		INCHES
41.01	99TH	16.15
40.30	98TH	15.87
39.87	97TH	15.70
39.31	95TH	15.48
38.50	90TH	15.16
37.99	85TH	14.96
37.60	80TH	14.80
37.28	75TH	14.68
37.00	70TH	14.57
36.74	65TH	14.47
36.51	60TH	14.37
36.28	55TH	14.28
36.07	50TH	14.20
35.85	45TH	14.11
35.64	40TH	14.03
35.42	35TH	13.95
35.20	30TH	13.86
34.96	25TH	13.76
34.69	20TH	13.66
34.39	15TH	13.54
34.00	10TH	13.39
33.44	5TH	13.17
33.08	3RD	13.02
32.81	2RD	12.92
32.38	1ST	12.75



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SHOULDER CIRCUMFERENCE

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
108.43	MEAN VALUE	42.71
0.07	SE(MEAN)	0.03
5.99	SD DEVIATION	2.36
0.05	SE(SD DEV)	0.02

SYMMETRY---VETA I = 0.76
KURTOSIS---VETA II = 4.52
COEF. OF VARIATION = 5.52

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS		INCHES
127.24	99TH	50.09
123.77	98TH	48.73
121.79	97TH	47.95
119.37	95TH	46.99
116.13	90TH	45.72
114.23	95TH	44.97
112.86	80TH	44.43
111.76	75TH	44.00
110.83	70TH	43.63
110.01	65TH	43.31
109.26	60TH	43.02
108.57	55TH	42.74
107.90	50TH	42.48
107.24	45TH	42.22
106.59	40TH	41.97
105.94	35TH	41.71
105.26	30TH	41.44
104.52	25TH	41.15
103.71	20TH	40.83
102.78	15TH	40.46
101.58	10TH	39.99
99.80	5TH	39.29
98.61	3RD	38.82
97.73	2RD	38.48
96.33	1ST	37.93



RANGES*	F	CUMF	FPCT	CUMPCT
140.75-142.25	2	7884	0.02	100.00
139.25-140.75	0	7882	0.00	99.97
137.75-139.25	1	7882	0.01	99.97
136.25-137.75	1	7881	0.01	99.96
134.75-136.25	2	7880	0.03	99.95
133.25-134.75	5	7879	0.06	99.92
131.75-133.25	6	7873	0.08	99.86
130.25-131.75	11	7867	0.14	99.78
128.75-130.25	19	7856	0.24	99.64
127.25-128.75	29	7837	0.37	99.40
125.75-127.25	28	7808	0.36	99.04
124.25-125.75	34	7780	0.43	98.68
122.75-124.25	71	7746	0.90	98.25
121.25-122.75	56	7675	0.71	97.35
119.75-121.25	110	7619	1.40	96.64
118.25-119.75	102	7509	1.29	95.24
116.75-118.25	156	7407	2.49	92.95
115.25-116.75	225	7211	2.95	91.46
112.75-115.25	251	6986	4.45	88.61
112.25-112.75	468	6625	5.94	84.16
110.75-112.25	701	6167	8.89	78.22
109.25-110.75	728	5466	9.99	69.33
107.75-109.25	892	4678	11.31	58.34
106.25-107.75	873	3786	10.25	48.02
104.75-106.25	906	2973	11.49	37.77
102.25-104.75	653	2072	8.28	26.28
101.75-102.25	627	1419	7.95	19.00
100.25-101.75	251	792	3.18	10.05
98.75-100.25	319	541	4.05	6.36
97.25-98.75	97	222	1.23	2.82
95.75-97.25	72	125	0.91	1.59
94.25-95.75	28	53	0.36	0.67
92.75-94.25	16	25	0.20	0.32
91.25-92.75	6	9	0.08	0.11
89.75-91.25	2	3	0.03	0.04
88.25-89.75	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

CHEST CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
114.75-116.25	1	7384	0.01	100.00
113.25-114.75	4	7383	0.05	99.99
111.75-113.25	5	7879	0.06	99.94
110.25-111.75	4	7874	0.05	99.87
108.75-110.25	20	7870	0.25	99.82
107.25-108.75	17	7850	0.22	99.57
105.75-107.25	38	7823	0.48	99.35
104.25-105.75	35	7795	0.44	98.87
102.75-104.25	53	7760	0.67	98.43
101.25-102.75	78	7707	0.99	97.75
99.75-101.25	117	7629	1.48	96.77
98.25-99.75	133	7512	1.69	95.28
96.75-98.25	252	7279	3.20	93.59
95.25-96.75	345	7127	4.38	90.40
93.75-95.25	560	6782	7.10	86.02
92.25-93.75	740	6222	9.29	78.52
90.75-92.25	903	5482	11.45	69.53
89.25-90.75	918	4579	11.64	58.08
87.75-89.25	1084	3661	12.75	46.44
86.25-87.75	785	2577	9.96	32.69
84.75-86.25	730	1792	9.26	22.73
83.25-84.75	465	1062	5.90	13.47
81.75-83.25	311	597	3.94	7.57
80.25-81.75	145	286	1.84	3.63
78.75-80.25	70	143	1.00	1.79
77.25-78.75	36	62	0.46	0.79
75.75-77.25	17	26	0.22	0.33
74.25-75.75	8	9	0.10	0.11
72.75-74.25	1	1	0.01	0.01



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
90.11	MEAN VALUE	35.48
0.06	SE(MEAN)	0.02
5.24	SD DEVIATION	2.06
0.04	SE(SD DEV)	0.02

SYMMETRY---VETA I =	0.62
KURTOSIS---VETA II =	4.23
CCEF. CF VARIATION =	5.82

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS		INCHES
106.21	99TH	41.81
103.22	98TH	40.64
101.54	97TH	39.98
99.48	95TH	39.17
96.76	90TH	38.09
95.16	85TH	37.46
94.00	80TH	37.01
93.07	75TH	36.64
92.28	70TH	36.33
91.57	65TH	36.05
90.92	60TH	35.80
90.31	55TH	35.56
89.72	50TH	35.32
89.14	45TH	35.09
88.55	40TH	34.86
87.96	35TH	34.63
87.33	30TH	34.38
86.66	25TH	34.12
85.90	20TH	33.82
85.02	15TH	33.47
83.91	10TH	33.03
82.24	5TH	32.38
81.16	3RD	31.95
80.37	2RD	31.64
79.14	1ST	31.16

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

WAIST CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMFCT
107.75-109.25	3	7884	0.04	100.00
106.25-107.75	3	7881	0.04	99.96
104.75-106.25	3	7878	0.04	99.92
103.25-104.75	5	7875	0.06	99.89
101.75-103.25	12	7870	0.16	99.82
100.25-101.75	6	7857	0.09	99.66
98.75-100.25	23	7851	0.29	99.59
97.25- 98.75	22	7829	0.28	99.29
95.75- 97.25	33	7806	0.42	99.01
94.25- 95.75	32	7767	0.41	98.52
92.75- 94.25	37	7725	0.47	98.11
91.25- 92.75	50	7699	0.63	97.64
89.75- 91.25	84	7648	1.19	97.01
88.25- 89.75	83	7554	1.05	95.81
86.75- 88.25	163	7471	2.13	94.76
85.25- 86.75	181	7303	2.30	92.63
83.75- 85.25	340	7122	4.31	90.33
82.25- 83.75	346	6782	4.39	86.02
80.75- 82.25	592	6436	7.38	81.63
79.25- 80.75	638	5854	8.09	74.25
77.75- 79.25	776	5216	9.84	66.16
76.25- 77.75	779	4440	9.83	56.32
74.75- 76.25	842	3661	10.68	46.44
73.25- 74.75	608	2819	8.85	35.76
71.75- 73.25	733	2121	9.30	26.90
70.25- 71.75	478	1388	6.06	17.61
68.75- 70.25	463	910	5.87	11.54
67.25- 68.75	196	447	2.49	5.67
65.75- 67.25	137	251	1.74	3.18
64.25- 65.75	54	114	0.68	1.45
62.75- 64.25	44	60	0.56	0.76
61.25- 62.75	12	16	0.15	0.20
59.75- 61.25	4	4	0.05	0.05

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
77.35	MEAN VALUE	30.45
0.07	SE (MEAN)	0.03
6.35	SD DEVIATION	2.50
0.05	SE (SD DEV)	0.02

SYMMETRY---VETA I = 0.80
KURTOSIS---VETA II = 4.50
COEF. OF VARIATION = 8.21

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS		INCHES
97.32	99TH	38.31
93.50	98TH	36.81
91.37	97TH	35.97
88.77	95TH	34.95
85.36	90TH	33.61
83.38	85TH	32.83
81.96	80TH	32.27
80.81	75TH	31.81
79.84	70TH	31.43
78.98	65TH	31.09
78.19	60TH	30.79
77.46	55TH	30.49
76.74	50TH	30.21
76.04	45TH	29.94
75.35	40TH	29.66
74.64	35TH	29.39
73.90	30TH	29.09
73.11	25TH	28.78
72.22	20TH	28.43
71.21	15TH	28.04
69.95	10TH	27.54
68.11	5TH	26.81
66.96	3RD	26.36
66.14	2RD	26.04
64.95	1ST	25.57



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HIP CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMFCT
112.25-113.25	4	7884	0.05	100.00
111.25-112.25	1	7880	0.01	99.95
110.25-111.25	2	7879	0.04	99.94
109.25-110.25	2	7876	0.04	99.90
108.25-109.25	2	7873	0.04	99.86
107.25-108.25	9	7870	0.11	99.82
106.25-107.25	16	7861	0.20	99.71
105.25-106.25	13	7845	0.16	99.51
104.25-105.25	28	7822	0.36	99.34
103.25-104.25	29	7804	0.37	98.99
102.25-103.25	36	7775	0.46	98.62
101.25-102.25	60	7739	0.76	98.16
100.25-101.25	50	7679	0.63	97.40
99.25-100.25	146	7629	1.85	96.77
98.25-99.25	180	7483	2.28	94.91
97.25-98.25	222	7303	2.82	92.63
96.25-97.25	302	7081	3.83	89.81
95.25-96.25	357	6779	4.53	85.98
94.25-95.25	451	6422	5.72	81.46
93.25-94.25	585	5971	7.42	75.74
92.25-93.25	672	5386	8.52	68.32
91.25-92.25	725	4714	9.20	59.79
90.25-91.25	714	3989	9.06	50.60
89.25-90.25	735	3275	9.32	41.54
88.25-89.25	640	2540	8.12	32.22
87.25-88.25	528	1900	6.70	24.10
86.25-87.25	437	1372	5.54	17.40
85.25-86.25	329	935	4.17	11.86
84.25-85.25	241	606	3.06	7.69
83.25-84.25	149	365	1.89	4.63
82.25-83.25	92	216	1.17	2.74
81.25-82.25	63	124	0.80	1.57
80.25-81.25	30	61	0.38	0.77
79.25-80.25	21	31	0.27	0.39
78.25-79.25	5	10	0.06	0.13
77.25-78.25	3	5	0.04	0.06
76.25-77.25	1	2	0.01	0.03
75.25-76.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
91.52	MEAN VALUE	36.03
0.05	SE(MEAN)	0.02
4.60	SD DEVIATION	1.81
0.04	SE(SD DEV)	0.01

SYMMETRY---VETA I = 0.44
KURTOSIS---VETA II = 3.75
COEF. OF VARIATION = 5.02

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS		INCHES
104.18	99TH	41.02
102.06	98TH	40.18
100.84	97TH	39.70
99.31	95TH	39.10
97.21	90TH	38.27
95.92	85TH	37.76
94.96	80TH	37.39
94.17	75TH	37.07
93.48	70TH	36.80
92.86	65TH	36.56
92.28	60TH	36.33
91.73	55TH	36.11
91.19	50TH	35.90
90.65	45TH	35.69
90.12	40TH	35.48
89.56	35TH	35.26
88.98	30TH	35.03
88.36	25TH	34.79
87.65	20TH	34.51
86.84	15TH	34.19
85.81	10TH	33.79
84.30	5TH	33.19
82.34	3RD	32.81
82.64	2RD	32.53
81.57	1ST	32.11



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

VERTICAL TRUNK CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCF
186.75-188.25	1	7884	0.01	100.00
185.25-186.75	0	7383	0.00	99.99
182.75-185.25	2	7883	0.04	99.99
182.25-182.75	3	7380	0.04	99.95
180.75-182.25	4	7877	0.05	99.91
179.25-180.75	5	7873	0.06	99.86
177.75-179.25	7	7869	0.09	99.80
176.25-177.75	17	7861	0.22	99.71
174.75-176.25	16	7844	0.20	99.49
173.25-174.75	26	7828	0.33	99.29
171.75-173.25	51	7802	0.65	98.96
170.25-171.75	57	7751	0.72	98.31
168.75-170.25	80	7694	1.01	97.59
167.25-168.75	113	7614	1.43	96.58
165.75-167.25	168	7501	2.13	95.14
164.25-165.75	189	7333	2.40	93.01
162.75-164.25	289	7144	3.67	90.61
161.25-162.75	331	6855	4.20	86.95
159.75-161.25	480	6524	6.09	82.75
158.25-159.75	423	6044	5.37	76.66
156.75-158.25	625	5621	7.93	71.30
155.25-156.75	616	4996	7.81	63.37
153.75-155.25	716	4380	9.09	55.56
152.25-153.75	649	3664	8.23	46.47
150.75-152.25	668	3015	8.47	38.24
149.25-150.75	524	2347	6.65	29.77
147.75-149.25	566	1823	7.18	23.12
146.25-147.75	319	1257	4.05	15.94
144.75-146.25	338	938	4.29	11.90
143.25-144.75	211	600	2.68	7.61
141.75-143.25	154	389	1.95	4.93
140.25-141.75	69	235	0.88	2.98
138.75-140.25	76	166	0.96	2.11
137.25-138.75	36	90	0.46	1.14
135.75-137.25	24	54	0.30	0.68
134.25-135.75	12	30	0.15	0.38
132.75-134.25	9	18	0.11	0.23
131.25-132.75	7	9	0.09	0.11
129.75-131.25	2	2	0.03	0.03

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
154.63	MEAN VALUE	60.88
0.28	SE(MEAN)	0.03
7.30	SD DEVIATION	2.88
0.06	SE(SC DEV)	0.02

SYMMETRY---VETA I =	0.28
KURTOSIS---VETA II =	3.43
CCEF. OF VARIATION =	4.72

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS		INCHES
173.53	99TH	68.32
170.94	98TH	67.30
169.34	97TH	66.67
167.22	95TH	65.83
164.09	90TH	64.60
162.07	85TH	63.81
160.52	80TH	63.20
159.22	75TH	62.69
158.09	70TH	62.24
157.06	65TH	61.83
156.10	60TH	61.46
155.19	55TH	61.10
154.31	50TH	60.75
153.43	45TH	60.41
152.56	40TH	60.06
151.67	35TH	59.71
150.74	30TH	59.34
149.74	25TH	58.95
148.62	20TH	58.51
147.34	15TH	58.01
145.71	10TH	57.27
143.24	5TH	56.39
141.58	3RD	55.74
140.31	2RD	55.24
138.23	1ST	54.42



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

ARMSCYE CIRCUMFERENCE

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
41.26	MEAN VALUE	16.25
0.04	SE(MEAN)	0.01
3.24	SD DEVIATION	1.28
0.03	SE(SC DEV)	0.01

SYMMETRY---VETA I = 0.62
KURTOSIS---VETA II = 4.07
COEF. OF VARIATION = 7.85

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS		INCHES
50.56	99TH	19.90
49.05	98TH	19.31
48.15	97TH	18.95
46.98	95TH	18.49
45.32	90TH	17.84
44.29	85TH	17.44
43.54	80TH	17.14
42.92	75TH	16.90
42.39	70TH	16.69
41.93	65TH	16.51
41.51	60TH	16.34
41.12	55TH	16.19
40.74	50TH	16.04
40.38	45TH	15.90
40.03	40TH	15.76
39.67	35TH	15.62
39.31	30TH	15.48
38.92	25TH	15.32
38.50	20TH	15.16
38.01	15TH	14.96
37.38	10TH	14.72
36.42	5TH	14.34
35.74	3RD	14.07
35.20	2PD	13.86
34.27	1ST	13.49



RANGES*	F	CUMF	FPCT	CUMPCT
56.25- 57.25	1	7884	0.01	100.00
55.25- 56.25	4	7883	0.05	99.99
54.25- 55.25	4	7879	0.05	99.94
53.25- 54.25	6	7875	0.09	99.89
52.25- 53.25	17	7869	0.22	99.81
51.25- 52.25	15	7852	0.19	99.59
50.25- 51.25	37	7837	0.47	99.40
49.25- 50.25	67	7800	0.85	98.93
48.25- 49.25	91	7733	1.15	98.08
47.25- 48.25	115	7642	1.46	96.93
46.25- 47.25	165	7527	2.09	95.47
45.25- 46.25	257	7362	3.26	93.38
44.25- 45.25	404	7105	5.12	90.12
43.25- 44.25	522	6701	6.62	84.99
42.25- 43.25	729	6179	9.25	78.37
41.25- 42.25	929	5450	11.77	69.13
40.25- 41.25	1129	4522	14.32	57.36
39.25- 40.25	1237	3393	15.69	42.04
38.25- 39.25	809	2156	10.26	27.35
37.25- 38.25	607	1347	7.70	17.09
36.25- 37.25	393	740	4.98	9.39
35.25- 36.25	181	347	2.30	4.40
34.25- 35.25	98	166	1.24	2.11
33.25- 34.25	39	68	0.48	0.86
32.25- 33.25	17	20	0.22	0.38
31.25- 32.25	8	13	0.10	0.16
30.25- 31.25	3	5	0.04	0.06
29.25- 30.25	2	2	0.03	0.03

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 UPPER ARM CIRCUMFERENCE, RELAXED

THE FREQUENCY TABLES

RANGES*	N	CUMF	FPCT	CUMFCT
37.25- 37.75	1	7884	0.01	100.00
36.75- 37.25	0	7883	0.00	99.99
36.25- 36.75	1	7883	0.01	99.99
35.75- 36.25	2	7882	0.03	99.97
35.25- 35.75	2	7880	0.03	99.95
34.75- 35.25	7	7878	0.09	99.92
34.25- 34.75	4	7871	0.05	99.84
33.75- 34.25	13	7867	0.16	99.78
33.25- 33.75	13	7854	0.16	99.62
32.75- 33.25	20	7841	0.25	99.45
32.25- 32.75	16	7821	0.20	99.20
31.75- 32.25	45	7805	0.57	99.00
31.25- 31.75	19	7760	0.24	98.43
30.75- 31.25	94	7741	1.19	98.19
30.25- 30.75	44	7647	0.56	96.99
29.75- 30.25	161	7603	2.04	96.44
29.25- 29.75	79	7442	1.00	94.39
28.75- 29.25	274	7363	3.48	93.39
28.25- 28.75	119	7089	1.50	89.92
27.75- 28.25	499	6971	6.33	86.42
27.25- 27.75	216	6472	2.74	82.09
26.75- 27.25	916	6256	11.62	79.35
26.25- 26.75	342	5340	4.34	67.73
25.75- 26.25	1101	4958	13.96	63.39
25.25- 25.75	399	3857	5.06	49.43
24.75- 25.25	1147	3498	14.55	44.37
24.25- 24.75	414	2351	5.25	29.82
23.75- 24.25	849	1937	10.77	24.57
23.25- 23.75	243	1088	3.08	13.80
22.75- 23.25	438	845	5.56	10.72
22.25- 22.75	136	407	1.73	5.16
21.75- 22.25	167	271	2.12	3.44
21.25- 21.75	35	104	0.44	1.32
20.75- 21.25	44	69	0.56	0.88
20.25- 20.75	11	25	0.14	0.32
19.75- 20.25	13	14	0.16	0.18
19.25- 19.75	0	1	0.00	0.01
18.75- 19.25	0	1	0.00	0.01
18.25- 18.75	0	1	0.00	0.01
17.75- 18.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
25.86	MEAN VALUE	10.18
0.02	SE(MEAN)	0.01
2.20	SD DEVIATION	0.87
0.02	SE(SD DEV)	0.01

SYMMETRY---VETA I =	0.67
KURTOSIS---VETA II =	4.16
CCEF. CF VARIATION =	8.51

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS		INCHES
32.29	99TH	12.71
31.24	98TH	12.30
30.62	97TH	12.06
29.83	95TH	11.75
28.72	90TH	11.31
28.04	85TH	11.04
27.53	80TH	10.84
27.12	75TH	10.68
26.77	70TH	10.54
26.45	65TH	10.41
26.17	60TH	10.30
25.90	55TH	10.20
25.64	50TH	10.09
25.39	45TH	10.00
25.14	40TH	9.90
24.89	35TH	9.80
24.64	30TH	9.70
24.36	25TH	9.59
24.06	20TH	9.47
23.72	15TH	9.34
23.29	10TH	9.17
22.65	5TH	8.92
22.22	3RD	8.75
21.90	2RD	8.62
21.37	1ST	8.41



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 BICEPS CIRCUMFERENCE, FLEXED

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS INCHES

28.42 MEAN VALUE 11.19
 0.03 SE(MEAN) 0.01
 2.41 SD DEVIATION 0.95
 0.02 SE(SD DEV) 0.01

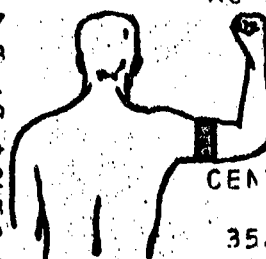
SYMMETRY---VETA I = 0.61
 KURTOSIS---VETA II = 4.02
 COEF. OF VARIATION = 8.47

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS INCHES

35.48 99TH 13.97
 34.29 98TH 13.50
 33.59 97TH 13.23
 32.72 95TH 12.88
 31.51 90TH 12.40
 30.77 85TH 12.11
 30.23 80TH 11.90
 29.79 75TH 11.73
 29.41 70TH 11.58
 29.07 65TH 11.45
 28.77 60TH 11.33
 28.48 55TH 11.21
 28.20 50TH 11.10
 27.93 45TH 10.99
 27.66 40TH 10.89
 27.38 35TH 10.78
 27.10 30TH 10.67
 26.80 25TH 10.55
 26.46 20TH 10.42
 26.08 15TH 10.27
 25.59 10TH 10.07
 24.87 5TH 9.79
 24.39 3RD 9.60
 24.03 2RD 9.46
 23.45 1ST 9.23



RANGES*	F	CUMF	FPCT	CUMPT
39.75- 40.25	1	7884	0.01	100.00
39.25- 39.75	1	7883	0.01	99.99
38.75- 39.25	4	7882	0.05	99.97
38.25- 38.75	4	7879	0.05	99.92
37.75- 38.25	5	7874	0.06	99.87
37.25- 37.75	7	7869	0.09	99.81
36.75- 37.25	12	7862	0.15	99.72
36.25- 36.75	5	7857	0.08	99.57
35.75- 36.25	22	7844	0.28	99.49
35.25- 35.75	27	7822	0.34	99.21
34.75- 35.25	47	7795	0.60	98.87
34.25- 34.75	24	7748	0.30	98.27
33.75- 34.25	70	7724	0.89	97.97
33.25- 33.75	37	7654	0.47	97.08
32.75- 33.25	144	7617	1.83	96.61
32.25- 32.75	67	7473	0.85	94.79
31.75- 32.25	222	7406	2.82	93.94
31.25- 31.75	99	7184	1.24	91.12
30.75- 31.25	426	7086	5.40	89.88
30.25- 30.75	195	6660	2.47	84.47
29.75- 30.25	784	6465	9.94	82.00
29.25- 29.75	233	5681	2.96	72.06
28.75- 29.25	212	5448	11.57	69.10
28.25- 28.75	339	4536	4.30	57.53
27.75- 28.25	1112	4157	14.10	53.23
27.25- 27.75	357	3085	4.53	39.13
26.75- 27.25	241	2728	11.94	34.60
26.25- 26.75	281	1787	3.56	22.67
25.75- 26.25	695	1506	8.82	19.10
25.25- 25.75	188	811	2.38	10.29
24.75- 25.25	318	623	4.03	7.90
24.25- 24.75	89	305	1.13	3.87
23.75- 24.25	115	216	1.46	2.74
23.25- 23.75	39	101	0.49	1.29
22.75- 23.25	39	62	0.49	0.79
22.25- 22.75	7	23	0.09	0.29
21.75- 22.25	12	16	0.15	0.20
21.25- 21.75	2	4	0.03	0.05
20.75- 21.25	1	2	0.01	0.03
20.25- 20.75	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

FOREARM CIRCUMFERENCE, FLEXED

THE FREQUENCY TABLES

RANGES* F CUMF PCT CUMPCT

33.75- 34.05	3	7884	0.04	100.00
33.45- 33.75	1	7881	0.01	99.96
33.15- 33.45	0	7880	0.00	99.95
32.85- 33.15	5	7880	0.08	99.95
32.55- 32.85	0	7874	0.00	99.87
32.25- 32.55	4	7874	0.05	99.87
31.95- 32.25	14	7870	0.18	99.82
31.65- 31.95	2	7856	0.03	99.64
31.35- 31.65	11	7854	0.14	99.62
31.05- 31.35	5	7843	0.06	99.48
30.75- 31.05	60	7839	0.76	99.42
30.45- 30.75	35	7778	0.46	98.66
30.15- 30.45	13	7742	0.16	98.20
29.85- 30.15	135	7729	2.36	98.03
29.55- 29.85	17	7543	0.24	95.67
29.25- 29.55	71	7524	0.90	95.43
28.95- 29.25	402	7453	5.10	94.53
28.65- 28.95	45	7051	0.57	89.43
28.35- 28.65	180	7006	2.28	88.86
28.05- 28.35	76	6826	0.96	86.58
27.75- 28.05	740	6750	9.39	85.62
27.45- 27.75	359	6010	4.55	76.23
27.15- 27.45	129	5651	1.62	71.68
26.85- 27.15	1077	5523	13.66	70.05
26.55- 26.85	109	4446	1.37	56.39
26.25- 26.55	415	4328	5.26	55.02
25.95- 26.25	1007	3923	13.94	49.76
25.65- 25.95	62	2824	0.79	35.82
25.35- 25.65	418	2762	5.30	35.03
25.05- 25.35	132	2344	1.67	29.73
24.75- 25.05	853	2212	10.82	28.06
24.45- 24.75	291	1359	3.69	17.24
24.15- 24.45	91	1068	1.15	13.55
23.85- 24.15	483	977	6.13	12.39
23.55- 23.85	32	494	0.41	6.27
23.25- 23.55	129	462	1.64	5.86
22.95- 23.25	190	333	2.41	4.22
22.65- 22.95	12	143	0.15	1.81
22.35- 22.65	44	131	0.56	1.66
22.05- 22.35	5	87	0.08	1.10
21.75- 22.05	41	81	0.52	1.03
21.45- 21.75	15	40	0.19	0.51
21.15- 21.45	2	25	0.03	0.32
20.85- 21.15	14	23	0.18	0.29
20.55- 20.85	1	9	0.01	0.11
20.25- 20.55	5	8	0.06	0.10
19.95- 20.25	2	3	0.03	0.04
19.65- 19.95	0	1	0.00	0.01
19.35- 19.65	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS INCHES

26.39 MEAN VALUE 10.39
0.02 SE(MEAN) 0.01
1.84 SD DEVIATION 0.73
0.01 SE(SC DEV) 0.01

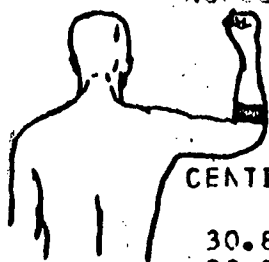
SYMMETRY---VETA I = 0.14
KURTOSIS---VETA II = 3.20
COEFF. OF VARIATION = 6.98

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS INCHES

30.82	99TH	12.13
30.29	98TH	11.92
29.94	97TH	11.79
29.47	95TH	11.60
28.75	90TH	11.32
28.27	85TH	11.13
27.89	80TH	10.98
27.57	75TH	10.85
27.28	70TH	10.74
27.03	65TH	10.64
26.78	60TH	10.54
26.55	55TH	10.45
26.32	50TH	10.36
26.10	45TH	10.27
25.87	40TH	10.19
25.64	35TH	10.10
25.40	30TH	10.00
25.14	25TH	9.90
24.85	20TH	9.79
24.52	15TH	9.65
24.10	10TH	9.49
23.47	5TH	9.24
23.04	3RD	9.07
22.72	2RD	8.95
22.19	1ST	8.74



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

WRIST CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
20.35- 20.55	1	7884	0.01	100.00
20.15- 20.35	0	7883	0.00	99.99
19.95- 20.15	7	7883	0.09	99.99
19.75- 19.95	0	7876	0.00	99.90
19.55- 19.75	1	7876	0.01	99.90
19.35- 19.55	11	7875	0.14	99.89
19.15- 19.35	6	7864	0.08	99.75
18.95- 19.15	102	7858	1.29	99.67
18.75- 18.95	4	7756	0.05	98.38
18.55- 18.75	11	7752	0.14	98.33
18.35- 18.55	98	7741	1.24	98.19
18.15- 18.35	61	7643	0.77	96.94
17.95- 18.15	708	7582	8.98	96.17
17.75- 17.95	62	6874	0.79	87.19
17.55- 17.75	84	6812	1.07	86.40
17.35- 17.55	478	6728	6.06	85.34
17.15- 17.35	274	6250	3.48	79.27
16.95- 17.15	1663	5976	21.09	75.80
16.75- 16.95	211	4313	2.68	54.71
16.55- 16.75	210	4102	2.66	52.03
16.35- 16.55	933	3892	11.83	49.37
16.15- 16.35	352	2959	4.46	37.53
15.95- 16.15	1391	2607	17.64	33.07
15.75- 15.95	120	1216	1.52	15.42
15.55- 15.75	109	1096	1.38	13.90
15.35- 15.55	394	987	5.00	12.52
15.15- 15.35	136	593	1.73	7.52
14.95- 15.15	328	457	4.16	5.80
14.75- 14.95	21	129	0.27	1.64
14.55- 14.75	16	108	0.20	1.37
14.35- 14.55	51	92	0.65	1.17
14.15- 14.35	7	41	0.09	0.52
13.95- 14.15	30	34	0.38	0.43
13.75- 13.95	0	4	0.00	0.05
13.55- 13.75	1	4	0.01	0.05
13.35- 13.55	3	3	0.04	0.04



THE SUMMARY STATISTICS

CENTIMETERS	INCHES
16.65 MEAN VALUE	6.56
0.01 SE(MEAN)	0.00
0.92 SD DEVIATION	0.36
0.01 SE(SD DEV)	0.00

SYMMETRY---VETA I =	0.11
KURTOSIS---VETA II =	3.14
COEF. OF VARIATION =	5.52

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS	INCHES
18.95	99TH 7.46
18.62	98TH 7.33
18.42	97TH 7.25
18.17	95TH 7.15
17.81	90TH 7.01
17.58	85TH 6.92
17.40	80TH 6.85
17.25	75TH 6.79
17.12	70TH 6.74
17.00	65TH 6.69
16.88	60TH 6.65
16.77	55TH 6.60
16.66	50TH 6.56
16.55	45TH 6.52
16.44	40TH 6.47
16.33	35TH 6.43
16.21	30TH 6.38
16.07	25TH 6.33
15.92	20TH 6.27
15.75	15TH 6.20
15.53	10TH 6.11
15.20	5TH 5.98
14.98	3RD 5.90
14.83	2RD 5.84
14.58	1ST 5.74

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HAND CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
25.95- 26.15	1	7884	0.01	100.00
25.75- 25.95	0	7883	0.00	99.99
25.55- 25.75	0	7883	0.00	99.99
25.35- 25.55	0	7883	0.00	99.99
25.15- 25.35	0	7883	0.00	99.99
24.95- 25.15	3	7883	0.04	99.99
24.75- 24.95	0	7880	0.00	99.95
24.55- 24.75	0	7880	0.00	99.95
24.35- 24.55	7	7880	0.09	99.95
24.15- 24.35	4	7873	0.05	99.86
23.95- 24.15	65	7869	0.82	99.81
23.75- 23.95	2	7804	0.03	98.99
23.55- 23.75	8	7802	0.10	98.96
23.35- 23.55	49	7794	0.62	98.86
23.15- 23.35	16	7745	0.20	98.24
22.95- 23.15	406	7729	5.15	98.03
22.75- 22.95	23	7323	0.29	92.88
22.55- 22.75	31	7300	0.39	92.59
22.35- 22.55	352	7269	4.46	92.20
22.15- 22.35	113	6917	1.43	87.73
21.95- 22.15	1258	6804	15.96	86.30
21.75- 21.95	120	5546	1.52	70.34
21.55- 21.75	95	5426	1.20	68.82
21.35- 21.55	697	5331	8.84	67.62
21.15- 21.35	253	4634	3.21	58.78
20.95- 21.15	1706	4381	21.64	55.57
20.75- 20.95	162	2675	2.05	33.93
20.55- 20.75	147	2513	1.86	31.87
20.35- 20.55	627	2366	7.95	30.01
20.15- 20.35	184	1739	2.33	22.06
19.95- 20.15	874	1555	11.09	19.72
19.75- 19.95	42	681	0.53	8.64
19.55- 19.75	63	639	0.80	8.11
19.35- 19.55	235	576	2.98	7.31
19.15- 19.35	42	341	0.53	4.33
18.95- 19.15	187	299	2.37	3.79
18.75- 18.95	17	112	0.22	1.42
18.55- 18.75	15	95	0.19	1.20
18.35- 18.55	40	80	0.51	1.01
18.15- 18.35	7	40	0.09	0.51
17.95- 18.15	29	33	0.37	0.42
17.75- 17.95	0	4	0.00	0.05
17.55- 17.75	1	4	0.01	0.05
17.35- 17.55	1	3	0.01	0.04
17.15- 17.35	2	2	0.03	0.03



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
21.15	MEAN VALUE	8.33
0.01	SE(MEAN)	0.00
1.06	SD DEVIATION	0.42
0.01	SE(SD DEV)	0.00

SYMMETRY---VETA	I =	0.00
KURTOSIS---VETA	II =	3.16
COEF. OF VARIATION	=	5.02

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS		INCHES
23.79	99TH	9.37
23.40	98TH	9.21
23.18	97TH	9.12
22.89	95TH	9.01
22.48	90TH	8.85
22.22	85TH	8.75
22.02	80TH	8.67
21.85	75TH	8.60
21.70	70TH	8.54
21.56	65TH	8.49
21.43	60TH	8.44
21.31	55TH	8.39
21.18	50TH	8.34
21.05	45TH	8.29
20.92	40TH	8.24
20.79	35TH	8.18
20.64	30TH	8.13
20.48	25TH	8.06
20.30	20TH	7.99
20.09	15TH	7.91
19.81	10TH	7.80
19.40	5TH	7.64
19.12	3RD	7.53
18.92	2RD	7.45
18.60	1ST	7.32

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 CROTCH-THIGH CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPT
69.25- 70.25	3	7883	0.04	100.00
68.25- 69.25	3	7880	0.04	99.96
67.25- 68.25	10	7877	0.13	99.92
66.25- 67.25	9	7867	0.11	99.80
65.25- 66.25	12	7858	0.15	99.68
64.25- 65.25	14	7846	0.18	99.53
63.25- 64.25	30	7832	0.38	99.35
62.25- 63.25	40	7802	0.51	98.97
61.25- 62.25	62	7762	0.79	98.47
60.25- 61.25	97	7700	1.23	97.68
59.25- 60.25	127	7603	1.61	96.45
58.25- 59.25	192	7476	2.44	94.84
57.25- 58.25	275	7284	3.49	92.40
56.25- 57.25	362	7009	4.59	88.91
55.25- 56.25	450	6647	5.71	84.32
54.25- 55.25	584	6197	7.41	78.61
53.25- 54.25	708	5613	8.98	71.20
52.25- 53.25	744	4905	9.44	62.22
51.25- 52.25	769	4161	9.76	52.78
50.25- 51.25	801	3392	10.16	43.03
49.25- 50.25	818	2591	10.38	32.87
48.25- 49.25	602	1773	7.64	22.49
47.25- 48.25	397	1171	5.04	14.85
46.25- 47.25	323	774	4.10	9.82
45.25- 46.25	210	451	2.66	5.72
44.25- 45.25	137	241	1.74	3.06
43.25- 44.25	45	104	0.57	1.32
42.25- 43.25	25	59	0.32	0.75
41.25- 42.25	15	34	0.19	0.43
40.25- 41.25	12	19	0.15	0.24
39.25- 40.25	7	7	0.09	0.09

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
52.44	MEAN VALUE 20.64
0.05	SE(MEAN) 0.02
4.10	SD DEVIATION 1.61
0.03	SE(SD DEV) 0.01

SYMMETRY----	VETA I = 0.42
KURTOSIS----	VETA II = 3.56
COEF. OF VARIATION	= 7.81

NUMBER OF SUBJECTS = 7883.

THE PERCENTILES

CENTIMETERS	INCHES
63.31	99TH 24.93
61.67	98TH 24.28
60.68	97TH 23.89
59.40	95TH 23.39
57.55	90TH 22.66
56.38	85TH 22.20
55.49	80TH 21.85
54.75	75TH 21.56
54.11	70TH 21.30
53.53	65TH 21.07
52.99	60TH 20.86
52.48	55TH 20.66
51.98	50TH 20.47
51.50	45TH 20.27
51.01	40TH 20.08
50.52	35TH 19.89
50.01	30TH 19.69
49.46	25TH 19.47
48.86	20TH 19.23
48.17	15TH 18.96
47.31	10TH 18.62
46.04	5TH 18.13
45.23	3RD 17.81
44.63	2RD 17.57
43.68	1ST 17.20



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 LOWER THIGH CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
48.75- 49.25	1	7884	0.01	100.00
48.25- 48.75	1	7883	0.01	99.99
47.75- 48.25	1	7882	0.01	99.97
47.25- 47.75	3	7881	0.04	99.96
46.75- 47.25	5	7878	0.06	99.92
46.25- 46.75	3	7873	0.04	99.86
45.75- 46.25	11	7870	0.14	99.82
45.25- 45.75	4	7859	0.05	99.68
44.75- 45.25	14	7855	0.18	99.63
44.25- 44.75	8	7841	0.10	99.45
43.75- 44.25	26	7833	0.33	99.35
43.25- 43.75	9	7807	0.11	99.02
42.75- 43.25	43	7798	0.55	98.91
42.25- 42.75	22	7755	0.28	98.36
41.75- 42.25	107	7733	1.36	98.08
41.25- 41.75	54	7626	0.68	96.73
40.75- 41.25	189	7572	2.40	96.04
40.25- 40.75	91	7383	1.15	93.65
39.75- 40.25	328	7292	4.16	92.49
39.25- 39.75	150	6964	1.90	88.33
38.75- 39.25	545	6814	6.91	86.43
38.25- 38.75	202	6269	2.56	79.52
37.75- 38.25	763	6067	9.68	76.95
37.25- 37.75	311	5304	3.94	67.28
36.75- 37.25	908	4993	11.52	63.33
36.25- 36.75	290	4085	3.68	51.81
35.75- 36.25	960	3795	12.18	48.14
35.25- 35.75	284	2835	3.60	35.96
34.75- 35.25	816	2551	10.35	32.36
34.25- 34.75	286	1735	3.63	22.01
33.75- 34.25	590	1449	7.48	18.38
33.25- 33.75	155	859	1.97	10.90
32.75- 33.25	296	704	3.75	8.93
32.25- 32.75	91	408	1.15	5.18
31.75- 32.25	159	317	2.02	4.02
31.25- 31.75	37	158	0.47	2.00
30.75- 31.25	61	121	0.77	1.53
30.25- 30.75	20	60	0.25	0.76
29.75- 30.25	29	40	0.37	0.51
29.25- 29.75	4	11	0.05	0.14
28.75- 29.25	1	7	0.01	0.09
28.25- 28.75	1	6	0.01	0.08
27.75- 28.25	5	5	0.06	0.06

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
36.63	MEAN VALUE	14.42
0.03	SE (MEAN)	0.01
2.59	SD DEVIATION	1.02
0.02	SE (SD DEV)	0.01

SYMMETRY---VETA I =	0.36
KURTOSIS---VETA II =	3.67
COEF. OF VARIATION =	7.07

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

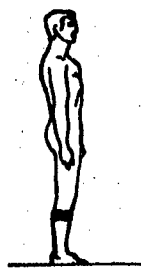
CENTIMETERS		INCHES
43.50	99TH	17.13
42.46	98TH	16.71
41.83	97TH	16.47
41.04	95TH	16.16
39.90	90TH	15.71
39.19	85TH	15.43
38.65	80TH	15.22
38.20	75TH	15.04
37.81	70TH	14.89
37.46	65TH	14.75
37.13	60TH	14.62
36.82	55TH	14.49
36.51	50TH	14.37
36.20	45TH	14.25
35.90	40TH	14.13
35.58	35TH	14.01
35.26	30TH	13.88
34.90	25TH	13.74
34.51	20TH	13.59
34.05	15TH	13.41
33.47	10TH	13.18
32.61	5TH	12.84
32.05	3RD	12.62
31.63	2RD	12.45
30.98	1ST	12.20



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
CALF CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
44.25- 44.75	1	7884	0.01	100.00
43.75- 44.25	2	7883	0.03	99.99
43.25- 43.75	1	7881	0.01	99.96
42.75- 43.25	2	7880	0.03	99.95
42.25- 42.75	2	7878	0.03	99.92
41.75- 42.25	5	7876	0.06	99.90
41.25- 41.75	4	7871	0.05	99.84
40.75- 41.25	8	7867	0.10	99.78
40.25- 40.75	12	7859	0.15	99.68
39.75- 40.25	32	7847	0.41	99.53
39.25- 39.75	20	7815	0.25	99.12
38.75- 39.25	56	7795	0.71	98.87
38.25- 38.75	46	7739	0.58	98.16
37.75- 38.25	131	7693	1.66	97.58
37.25- 37.75	112	7562	1.42	95.92
36.75- 37.25	250	7450	3.17	94.50
36.25- 36.75	204	7200	2.59	91.32
35.75- 36.25	406	6996	5.15	88.74
35.25- 35.75	326	6590	4.13	83.59
34.75- 35.25	709	6264	8.99	79.45
34.25- 34.75	487	5555	6.18	70.46
33.75- 34.25	923	5068	11.71	64.28
33.25- 33.75	473	4145	6.00	52.57
32.75- 33.25	928	3672	11.77	46.58
32.25- 32.75	495	2744	6.28	34.80
31.75- 32.25	769	2249	9.75	28.53
31.25- 31.75	315	1480	4.00	18.77
30.75- 31.25	532	1165	6.75	14.78
30.25- 30.75	217	633	2.75	8.03
29.75- 30.25	248	416	3.15	5.28
29.25- 29.75	64	168	0.81	2.13
28.75- 29.25	65	104	0.82	1.32
28.25- 28.75	13	39	0.16	0.49
27.75- 28.25	14	26	0.18	0.33
27.25- 27.75	6	12	0.08	0.15
26.75- 27.25	4	6	0.05	0.08
26.25- 26.75	1	2	0.01	0.03
25.75- 26.25	1	1	0.01	0.01



THE SUMMARY STATISTICS

CENTIMETERS INCHES

33.63 MEAN VALUE 13.24
0.02 SE(MEAN) 0.01
2.21 SD DEVIATION 0.87
0.02 SE(SD DEV) 0.01

SYMMETRY---VETA I = 0.40
KURTOSIS---VETA II = 3.48
COEF. OF VARIATION = 6.56

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS INCHES

39.48	99TH	15.55
38.62	98TH	15.20
38.10	97TH	15.00
37.43	95TH	14.74
36.47	90TH	14.36
35.86	85TH	14.12
35.40	80TH	13.94
35.00	75TH	13.78
34.66	70TH	13.65
34.35	65TH	13.52
34.06	60TH	13.41
33.78	55TH	13.30
33.51	50TH	13.19
33.24	45TH	13.09
32.97	40TH	12.98
32.69	35TH	12.87
32.41	30TH	12.76
32.10	25TH	12.64
31.76	20TH	12.50
31.38	15TH	12.35
30.91	10TH	12.17
30.24	5TH	11.91
29.84	3RD	11.75
29.55	2RD	11.63
29.14	1ST	11.47

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

ANKLE CIRCUMFERENCE

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES* F CUMF FPCT CUMFCT

26.95- 27.15	1	7884	0.01	100.00
26.75- 26.95	0	7883	0.00	99.99
26.55- 26.75	0	7883	0.00	99.99
26.35- 26.55	2	7883	0.03	99.99
26.15- 26.35	0	7881	0.00	99.96
25.95- 26.15	4	7881	0.05	99.96
25.75- 25.95	0	7877	0.00	99.91
25.55- 25.75	0	7877	0.00	99.91
25.35- 25.55	3	7877	0.04	99.91
25.15- 25.35	2	7874	0.03	99.87
24.95- 25.15	27	7872	0.34	99.85
24.75- 24.95	5	7845	0.06	99.51
24.55- 24.75	5	7840	0.06	99.44
24.35- 24.55	27	7835	0.34	99.38
24.15- 24.35	17	7808	0.22	99.04
23.95- 24.15	148	7791	1.88	98.82
23.75- 23.95	18	7643	0.23	96.94
23.55- 23.75	23	7625	0.29	96.71
23.35- 23.55	115	7602	1.46	96.42
23.15- 23.35	58	7487	0.74	94.96
22.95- 23.15	521	7429	6.61	94.23
22.75- 22.95	80	6908	1.01	87.62
22.55- 22.75	76	6828	0.96	86.61
22.35- 22.55	369	6752	4.68	85.64
22.15- 22.35	192	6383	2.44	80.96
21.95- 22.15	1158	6191	14.69	78.53
21.75- 21.95	195	5033	2.47	63.84
21.55- 21.75	108	4838	1.37	61.36
21.35- 21.55	662	4730	8.40	59.99
21.15- 21.35	337	4068	4.27	51.60
20.95- 21.15	1318	3731	16.72	47.32
20.75- 20.95	218	2413	2.77	30.61
20.55- 20.75	153	2195	1.94	27.84
20.35- 20.55	530	2042	6.72	25.90
20.15- 20.35	167	1512	2.12	19.18
19.95- 20.15	794	1345	10.07	17.06
19.75- 19.95	73	551	0.93	6.99
19.55- 19.75	44	478	0.56	6.06
19.35- 19.55	167	434	2.12	5.50
19.15- 19.35	53	267	0.67	3.39
18.95- 19.15	138	214	1.75	2.71
18.75- 18.95	11	76	0.14	0.96
18.55- 18.75	9	65	0.11	0.82
18.35- 18.55	26	56	0.33	0.71
18.15- 18.35	9	30	0.11	0.38
17.95- 18.15	15	21	0.19	0.27
17.75- 17.95	2	6	0.03	0.08
17.55- 17.75	0	4	0.00	0.05
17.35- 17.55	4	4	0.05	0.05

*IN CENTIMETERS

CENTIMETERS INCHES

21.37 MEAN VALUE 8.41
0.01 SE (MEAN) 0.01
1.18 SD DEVIATION 0.46
0.01 SE (SD DEV) 0.00

SYMMETRY---VETA I = 0.26
KURTOSIS---VETA II = 3.30
COEF. OF VARIATION = 5.51

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS INCHES

24.42	99TH	9.61
24.02	98TH	9.46
23.77	97TH	9.36
23.44	95TH	9.23
22.95	90TH	9.03
22.62	85TH	8.91
22.37	80TH	8.81
22.16	75TH	8.72
21.97	70TH	8.65
21.80	65TH	8.58
21.64	60TH	8.52
21.49	55TH	8.46
21.34	50TH	8.40
21.19	45TH	8.34
21.04	40TH	8.28
20.89	35TH	8.23
20.74	30TH	8.16
20.57	25TH	8.10
20.38	20TH	8.03
20.17	15TH	7.94
19.91	10TH	7.84
19.54	5TH	7.69
19.30	3RD	7.60
19.13	2RD	7.53
18.87	1ST	7.43



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR HEAD HEIGHT (TRAGION-TO-VERTEX)

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
12.68	MEAN VALUE	4.99
0.01	SE(MEAN)	0.00
0.75	SD DEVIATION	0.29
0.01	SE(SD DEV)	0.00

SYMMETRY---VETA I = -0.18
KURTOSIS---VETA II = 3.13
COEF. OF VARIATION = 5.91

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS		INCHES
14.38	99TH	5.66
14.18	98TH	5.58
14.05	97TH	5.53
13.88	95TH	5.47
13.62	90TH	5.36
13.45	85TH	5.30
13.31	80TH	5.24
13.19	75TH	5.19
13.09	70TH	5.15
12.99	65TH	5.11
12.89	60TH	5.08
12.80	55TH	5.04
12.71	50TH	5.00
12.61	45TH	4.97
12.52	40TH	4.93
12.42	35TH	4.89
12.31	30TH	4.85
12.19	25TH	4.80
12.06	20TH	4.75
11.90	15TH	4.69
11.70	10TH	4.61
11.40	5TH	4.49
11.20	3RD	4.41
11.05	2RD	4.35
10.81	1ST	4.26



RANGES*	F	CUMF	FPCT	CUMPCT
15.35- 15.55	1	7884	0.01	100.00
15.15- 15.35	0	7883	0.00	99.99
14.95- 15.15	2	7883	0.03	99.99
14.75- 14.95	13	7881	0.16	99.96
14.55- 14.75	16	7868	0.20	99.80
14.35- 14.55	48	7852	0.61	99.59
14.15- 14.35	108	7804	1.37	98.99
13.95- 14.15	146	7696	1.85	97.62
13.75- 13.95	208	7550	2.64	95.76
13.55- 13.75	309	7342	3.92	93.13
13.35- 13.55	564	7033	7.15	89.21
13.15- 13.35	738	6469	9.36	82.05
12.95- 13.15	804	5731	10.20	72.69
12.75- 12.95	761	4927	9.65	62.49
12.55- 12.75	828	4166	10.50	52.84
12.35- 12.55	850	3338	10.78	42.34
12.15- 12.35	719	2488	9.12	31.56
11.95- 12.15	522	1769	6.62	22.44
11.75- 11.95	382	1247	4.85	15.82
11.55- 11.75	278	865	3.53	10.97
11.35- 11.55	243	587	3.08	7.45
11.15- 11.35	123	344	1.56	4.36
10.95- 11.15	115	221	1.46	2.80
10.75- 10.95	44	106	0.56	1.34
10.55- 10.75	24	62	0.30	0.79
10.35- 10.55	24	38	0.30	0.48
10.15- 10.35	11	14	0.14	0.18
9.95- 10.15	2	3	0.03	0.04
9.75- 9.95	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

***** HEAD LENGTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
18.73	MEAN VALUE	7.37
0.01	SE(MEAN)	0.00
0.75	SD DEVIATION	0.30
0.01	SE(SD DEV)	0.00

SYMMETRY---VETA I = -0.22
KURTOSIS---VETA II = 2.96
COEF. OF VARIATION = 4.02

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS		INCHES
20.39	99TH	8.03
20.19	98TH	7.95
20.06	97TH	7.90
19.90	95TH	7.84
19.67	90TH	7.74
19.51	85TH	7.68
19.38	80TH	7.63
19.27	75TH	7.58
19.16	70TH	7.54
19.06	65TH	7.51
18.97	60TH	7.47
18.88	55TH	7.43
18.78	50TH	7.39
18.68	45TH	7.36
18.58	40TH	7.32
18.48	35TH	7.27
18.36	30TH	7.23
18.24	25TH	7.18
18.10	20TH	7.13
17.93	15TH	7.06
17.72	10TH	6.98
17.42	5TH	6.86
17.23	3RD	6.78
17.09	2RD	6.73
16.90	1ST	6.65



RANGES*	F	CUMF	FPCT	CUMPT
21.35- 21.55	1	7884	0.01	100.00
21.15- 21.35	2	7883	0.03	99.99
20.95- 21.15	5	7881	0.06	99.96
20.75- 20.95	10	7876	0.13	99.90
20.55- 20.75	17	7866	0.22	99.77
20.35- 20.55	54	7849	0.68	99.56
20.15- 20.35	80	7795	1.01	98.87
19.95- 20.15	193	7715	2.45	97.86
19.75- 19.95	223	7522	2.83	95.41
19.55- 19.75	441	7299	5.59	92.58
19.35- 19.55	618	6858	7.84	86.99
19.15- 19.35	725	6240	9.20	79.15
18.95- 19.15	969	5515	12.29	69.95
18.75- 18.95	703	4546	8.92	57.66
18.55- 18.75	780	3843	9.89	48.74
18.35- 18.55	771	3063	9.78	38.85
18.15- 18.35	589	2292	7.47	29.07
17.95- 18.15	537	1703	6.81	21.60
17.75- 17.95	326	1166	4.13	14.79
17.55- 17.75	283	840	3.59	10.65
17.35- 17.55	226	557	2.87	7.06
17.15- 17.35	147	331	1.86	4.20
16.95- 17.15	97	184	1.23	2.33
16.75- 16.95	39	87	0.49	1.10
16.55- 16.75	30	48	0.38	0.61
16.35- 16.55	14	18	0.18	0.23
16.15- 16.35	2	4	0.03	0.05
15.95- 16.15	2	2	0.03	0.03

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HEAD BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPT
17.25- 17.35	2	7884	0.03	100.00
17.15- 17.25	2	7882	0.03	99.97
17.05- 17.15	1	7880	0.01	99.95
16.95- 17.05	9	7879	0.11	99.94
16.85- 16.95	7	7870	0.09	99.82
16.75- 16.85	5	7863	0.06	99.73
16.65- 16.75	11	7858	0.14	99.67
16.55- 16.65	10	7847	0.13	99.53
16.45- 16.55	30	7837	0.38	99.40
16.35- 16.45	30	7807	0.38	99.02
16.25- 16.35	48	7777	0.61	98.64
16.15- 16.25	82	7729	1.04	98.03
16.05- 16.15	77	7647	0.98	96.99
15.95- 16.05	148	7570	1.88	96.02
15.85- 15.95	89	7422	1.13	94.14
15.75- 15.85	173	7333	2.19	93.01
15.65- 15.75	212	7160	2.69	90.82
15.55- 15.65	213	6948	2.70	88.13
15.45- 15.55	322	6735	4.08	85.43
15.35- 15.45	232	6413	2.94	81.34
15.25- 15.35	301	6181	3.82	78.40
15.15- 15.25	336	5880	4.26	74.58
15.05- 15.15	317	5544	4.02	70.32
14.95- 15.05	549	5227	6.96	66.30
14.85- 14.95	328	4678	4.16	59.34
14.75- 14.85	481	4350	6.10	55.18
14.65- 14.75	445	3869	5.64	49.07
14.55- 14.65	504	3424	6.39	43.43
14.45- 14.55	528	2920	6.70	37.04
14.35- 14.45	409	2392	5.19	30.34
14.25- 14.35	391	1983	4.96	25.15
14.15- 14.25	352	1592	4.46	20.19
14.05- 14.15	305	1240	3.87	15.73
13.95- 14.05	331	935	4.20	11.86
13.85- 13.95	112	604	1.42	7.66
13.75- 13.85	167	492	2.12	6.24
13.65- 13.75	102	325	1.29	4.12
13.55- 13.65	96	223	1.22	2.83
13.45- 13.55	49	127	0.62	1.61
13.35- 13.45	26	78	0.33	0.99
13.25- 13.35	13	52	0.16	0.66
13.15- 13.25	20	39	0.25	0.49
13.05- 13.15	6	19	0.08	0.24
12.95- 13.05	7	13	0.09	0.16
12.85- 12.95	2	6	0.03	0.08
12.75- 12.85	1	4	0.01	0.05
12.65- 12.75	1	3	0.01	0.04
12.55- 12.65	1	2	0.01	0.03
12.45- 12.55	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
14.82	MEAN VALUE	5.83
0.01	SE(MEAN)	0.00
0.67	SD DEVIATION	0.26
0.01	SE(SD DEV)	0.00

SYMMETRY---	VETA I =	0.28
KURTOSIS---	VETA II =	2.92
COEF. OF VARIATION	=	4.50

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS		INCHES
16.43	99TH	6.47
16.27	98TH	6.40
16.15	97TH	6.36
15.99	95TH	6.29
15.72	90TH	6.19
15.53	85TH	6.12
15.39	80TH	6.06
15.26	75TH	6.01
15.15	70TH	5.96
15.05	65TH	5.92
14.95	60TH	5.89
14.86	55TH	5.85
14.77	50TH	5.82
14.69	45TH	5.78
14.60	40TH	5.75
14.52	35TH	5.72
14.43	30TH	5.68
14.34	25TH	5.65
14.24	20TH	5.61
14.13	15TH	5.56
13.99	10TH	5.51
13.80	5TH	5.43
13.68	3RD	5.38
13.59	2RD	5.35
13.44	1ST	5.29



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
FACE BREADTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

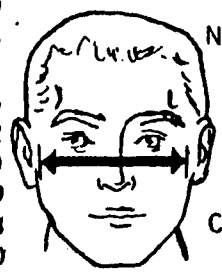
CENTIMETERS		INCHES
12.13	MEAN VALUE	4.77
0.01	SE(MEAN)	0.00
0.65	SD DEVIATION	0.25
0.01	SE(SD DEV)	0.00

SYMMETRY---VETA I = 0.08
KURTOSIS---VETA II = 2.95
COEF. OF VARIATION = 5.32

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS		INCHES
13.66	99TH	5.38
13.49	98TH	5.31
13.37	97TH	5.27
13.22	95TH	5.20
12.97	90TH	5.11
12.81	85TH	5.04
12.68	80TH	4.99
12.57	75TH	4.95
12.47	70TH	4.91
12.37	65TH	4.87
12.29	60TH	4.84
12.20	55TH	4.80
12.12	50TH	4.77
12.04	45TH	4.74
11.96	40TH	4.71
11.87	35TH	4.67
11.79	30TH	4.64
11.69	25TH	4.60
11.59	20TH	4.56
11.47	15TH	4.51
11.32	10TH	4.45
11.09	5TH	4.37
10.95	3RD	4.31
10.84	2RD	4.27
10.67	1ST	4.20



RANGES*	F	CUMF	FPCT	CUMPCT
14.95- 15.15	1	7884	0.01	100.00
14.75- 14.95	0	7883	0.00	99.99
14.55- 14.75	0	7883	0.00	99.99
14.35- 14.55	3	7883	0.04	99.99
14.15- 14.35	3	7880	0.04	99.95
13.95- 14.15	14	7877	0.18	99.91
13.75- 13.95	33	7863	0.42	99.73
13.55- 13.75	56	7830	0.71	99.32
13.35- 13.55	151	7774	1.92	98.60
13.15- 13.35	190	7623	2.41	96.69
12.95- 13.15	408	7433	5.18	94.28
12.75- 12.95	453	7025	5.75	89.10
12.55- 12.75	665	6572	8.43	83.36
12.35- 12.55	889	5907	11.28	74.92
12.15- 12.35	924	5018	11.72	63.65
11.95- 12.15	1108	4094	14.05	51.93
11.75- 11.95	759	2986	9.63	37.87
11.55- 11.75	773	2227	9.80	28.25
11.35- 11.55	553	1454	7.01	18.44
11.15- 11.35	385	901	4.88	11.43
10.95- 11.15	327	516	4.15	6.54
10.75- 10.95	82	189	1.04	2.40
10.55- 10.75	55	107	0.70	1.36
10.35- 10.55	36	52	0.46	0.66
10.15- 10.35	14	16	0.18	0.20
9.95- 10.15	2	2	0.03	0.03

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

BITRAGION DIAMETER

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
15.35- 15.45	1	7884	0.01	100.00
15.25- 15.35	1	7883	0.01	99.99
15.15- 15.25	0	7882	0.00	99.97
15.05- 15.15	1	7882	0.01	99.97
14.95- 15.05	3	7881	0.04	99.96
14.85- 14.95	4	7878	0.05	99.92
14.75- 14.85	12	7874	0.15	99.87
14.65- 14.75	13	7862	0.16	99.72
14.55- 14.65	26	7849	0.33	99.56
14.45- 14.55	38	7823	0.48	99.23
14.35- 14.45	49	7785	0.62	98.74
14.25- 14.35	82	7736	1.04	98.12
14.15- 14.25	116	7654	1.47	97.08
14.05- 14.15	160	7538	2.03	95.61
13.95- 14.05	293	7378	3.72	93.58
13.85- 13.95	181	7085	2.30	89.87
13.75- 13.85	316	6904	4.01	87.57
13.65- 13.75	347	6588	4.40	83.56
13.55- 13.65	517	6241	6.56	79.16
13.45- 13.55	551	5724	6.99	72.60
13.35- 13.45	520	5173	6.60	65.61
13.25- 13.35	547	4653	6.94	59.02
13.15- 13.25	596	4106	7.56	52.08
13.05- 13.15	566	3510	7.18	44.52
12.95- 13.05	703	2944	8.92	37.34
12.85- 12.95	356	2241	4.52	28.42
12.75- 12.85	483	1885	6.13	23.91
12.65- 12.75	335	1402	4.25	17.78
12.55- 12.65	325	1067	4.12	13.53
12.45- 12.55	265	742	3.36	9.41
12.35- 12.45	153	477	1.94	6.05
12.25- 12.35	108	324	1.37	4.11
12.15- 12.25	87	216	1.10	2.74
12.05- 12.15	64	129	0.81	1.64
11.95- 12.05	36	65	0.46	0.82
11.85- 11.95	11	29	0.14	0.37
11.75- 11.85	8	18	0.10	0.23
11.65- 11.75	3	10	0.04	0.13
11.55- 11.65	5	7	0.06	0.09
11.45- 11.55	2	2	0.03	0.03

*IN CENTIMETERS

THE SUMMARY STATISTICS

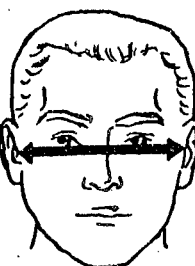
CENTIMETERS	INCHES
13.24 MEAN VALUE	5.21
0.01 SE(MEAN)	0.00
0.53 SD DEVIATION	0.21
0.00 SE(SD DEV)	0.00

SYMMETRY---VETA I =	0.12
KURTOSIS---VETA II =	2.94
COEF. OF VARIATION =	3.98

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS	INCHES
14.50	99TH 5.71
14.35	98TH 5.65
14.25	97TH 5.61
14.12	95TH 5.56
13.92	90TH 5.48
13.79	85TH 5.43
13.68	80TH 5.39
13.59	75TH 5.35
13.51	70TH 5.32
13.43	65TH 5.29
13.36	60TH 5.26
13.30	55TH 5.23
13.23	50TH 5.21
13.16	45TH 5.18
13.09	40TH 5.15
13.02	35TH 5.13
12.95	30TH 5.10
12.87	25TH 5.07
12.79	20TH 5.03
12.69	15TH 5.00
12.56	10TH 4.95
12.39	5TH 4.88
12.27	3RD 4.83
12.19	2RD 4.80
12.07	1ST 4.75



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 FACE LENGTH (MENTON-NASAL ROOT DEPRESSION)

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES*	F	CUMF	FPCT	CUMPCT
14.55- 14.65	1	7884	0.01	100.00
14.45- 14.55	0	7883	0.00	99.99
14.35- 14.45	6	7883	0.08	99.99
14.25- 14.35	1	7877	0.01	99.91
14.15- 14.25	1	7876	0.01	99.90
14.05- 14.15	6	7875	0.08	99.89
13.95- 14.05	5	7869	0.06	99.81
13.85- 13.95	15	7864	0.19	99.75
13.75- 13.85	15	7849	0.19	99.56
13.65- 13.75	24	7834	0.30	99.37
13.55- 13.65	22	7810	0.28	99.06
13.45- 13.55	52	7788	0.66	98.78
13.35- 13.45	43	7736	0.55	98.12
13.25- 13.35	66	7693	0.84	97.58
13.15- 13.25	117	7627	1.48	96.74
13.05- 13.15	125	7510	1.59	95.26
12.95- 13.05	231	7385	2.93	93.67
12.85- 12.95	256	7154	3.25	90.74
12.75- 12.85	236	6898	2.99	87.49
12.65- 12.75	386	6662	4.90	84.50
12.55- 12.65	293	6276	3.72	79.60
12.45- 12.55	529	5983	6.71	75.89
12.35- 12.45	382	5454	4.85	69.18
12.25- 12.35	436	5072	5.53	64.33
12.15- 12.25	515	4636	6.53	58.80
12.05- 12.15	421	4121	5.34	52.27
11.95- 12.05	735	3700	9.32	46.93
11.85- 11.95	487	2965	6.18	37.61
11.75- 11.85	365	2478	4.63	31.43
11.65- 11.75	427	2113	5.42	26.80
11.55- 11.65	305	1686	3.87	21.39
11.45- 11.55	360	1381	4.57	17.52
11.35- 11.45	209	1021	2.65	12.95
11.25- 11.35	211	812	2.68	10.30
11.15- 11.25	191	601	2.42	7.62
11.05- 11.15	110	410	1.40	5.20
10.95- 11.05	129	300	1.64	3.81
10.85- 10.95	49	171	0.62	2.17
10.75- 10.85	37	122	0.47	1.55
10.65- 10.75	26	85	0.33	1.08
10.55- 10.65	18	59	0.23	0.75
10.45- 10.55	25	41	0.32	0.52
10.35- 10.45	6	16	0.08	0.20
10.25- 10.35	4	10	0.05	0.13
10.15- 10.25	4	6	0.05	0.08
10.05- 10.15	0	2	0.00	0.03
9.95- 10.05	2	2	0.03	0.03

*IN CENTIMETERS

CENTIMETERS INCHES

12.13 MEAN VALUE 4.78
 0.01 SE(MEAN) 0.00
 0.61 SD DEVIATION 0.24
 0.00 SE(SD DEV) 0.00

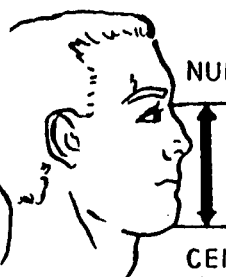
SYMMETRY---VETA I = 0.09
 KURTOSIS---VETA II = 3.09
 COEF. OF VARIATION = 5.06

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS INCHES

13.62	99TH	5.36
13.42	98TH	5.29
13.31	97TH	5.24
13.15	95TH	5.18
12.92	90TH	5.08
12.76	85TH	5.02
12.64	80TH	4.98
12.54	75TH	4.94
12.44	70TH	4.90
12.36	65TH	4.87
12.28	60TH	4.83
12.20	55TH	4.80
12.13	50TH	4.77
12.05	45TH	4.74
11.97	40TH	4.71
11.89	35TH	4.68
11.81	30TH	4.65
11.72	25TH	4.61
11.62	20TH	4.57
11.50	15TH	4.53
11.35	10TH	4.47
11.14	5TH	4.38
11.00	3RD	4.33
10.90	2RD	4.29
10.74	1ST	4.23



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 INTERPUPILLARY DISTANCE

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
6.08 MEAN VALUE	2.39
0.00 SE(MEAN)	0.00
0.32 SD DEVIATION	0.13
0.00 SE(SD DEV)	0.00

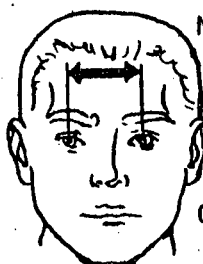
RANGES*	F	CUMF	FPCT	CUMPCT
7.45- 7.55	1	7884	0.01	100.00
7.35- 7.45	0	7883	0.00	99.99
7.25- 7.35	0	7883	0.00	99.99
7.15- 7.25	5	7883	0.06	99.99
7.05- 7.15	13	7878	0.16	99.92
6.95- 7.05	44	7865	0.56	99.76
6.85- 6.95	40	7821	0.51	99.20
6.75- 6.85	91	7781	1.15	98.69
6.65- 6.75	131	7690	1.66	97.54
6.55- 6.65	233	7559	2.96	95.88
6.45- 6.55	557	7326	7.06	92.92
6.35- 6.45	431	6769	5.47	85.86
6.25- 6.35	678	6338	8.60	80.39
6.15- 6.25	884	5660	11.21	71.79
6.05- 6.15	801	4776	10.16	60.58
5.95- 6.05	1551	3975	19.67	50.42
5.85- 5.95	614	2424	7.79	30.75
5.75- 5.85	659	1810	8.36	22.96
5.65- 5.75	439	1151	5.57	14.60
5.55- 5.65	318	712	4.03	9.03
5.45- 5.55	279	394	3.54	5.00
5.35- 5.45	41	115	0.52	1.46
5.25- 5.35	34	74	0.43	0.94
5.15- 5.25	28	40	0.36	0.51
5.05- 5.15	7	12	0.09	0.15
4.95- 5.05	5	5	0.06	0.06

SYMMETRY---VETA I = 0.17
 KURTOSIS---VETA II = 3.20
 COEF. OF VARIATION = 5.30

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS	INCHES
6.91	99TH 2.72
6.79	98TH 2.67
6.72	97TH 2.65
6.63	95TH 2.61
6.50	90TH 2.56
6.41	85TH 2.52
6.34	80TH 2.50
6.29	75TH 2.48
6.24	70TH 2.46
6.19	65TH 2.44
6.15	60TH 2.42
6.11	55TH 2.41
6.07	50TH 2.39
6.03	45TH 2.38
5.99	40TH 2.36
5.95	35TH 2.34
5.91	30TH 2.33
5.86	25TH 2.31
5.81	20TH 2.29
5.75	15TH 2.27
5.68	10TH 2.24
5.57	5TH 2.19
5.50	3RD 2.16
5.45	2RD 2.14
5.36	1ST 2.11



*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....
FOOT LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
31.95- 32.25	1	7884	0.01	100.00
31.65- 31.95	0	7883	0.00	99.99
31.35- 31.65	0	7883	0.00	99.99
31.05- 31.35	0	7883	0.00	99.99
30.75- 31.05	2	7883	0.03	99.99
30.45- 30.75	1	7881	0.01	99.96
30.15- 30.45	0	7880	0.00	99.95
29.85- 30.15	5	7880	0.06	99.95
29.55- 29.85	4	7875	0.05	99.89
29.25- 29.55	29	7871	0.37	99.84
28.95- 29.25	63	7842	0.80	99.47
28.65- 28.95	6	7779	0.08	98.67
28.35- 28.65	120	7773	1.52	98.59
28.05- 28.35	22	7653	0.28	97.07
27.75- 28.05	257	7631	3.26	96.79
27.45- 27.75	558	7374	7.08	93.53
27.15- 27.45	74	6816	0.94	86.45
26.85- 27.15	813	6742	10.31	85.51
26.55- 26.85	73	5929	0.93	75.20
26.25- 26.55	1132	5856	14.36	74.28
25.95- 26.25	1292	4724	16.39	59.92
25.65- 25.95	58	3432	0.74	43.53
25.35- 25.65	1194	3374	15.14	42.80
25.05- 25.35	100	2180	1.27	27.65
24.75- 25.05	844	2080	10.71	26.38
24.45- 24.75	626	1236	7.94	15.68
24.15- 24.45	35	610	0.44	7.74
23.85- 24.15	334	575	4.24	7.29
23.55- 23.85	9	241	0.11	3.06
23.25- 23.55	154	232	1.95	2.94
22.95- 23.25	57	78	0.72	0.99
22.65- 22.95	0	21	0.00	0.27
22.35- 22.65	17	21	0.22	0.27
22.05- 22.35	1	4	0.01	0.05
21.75- 22.05	2	3	0.03	0.04
21.45- 21.75	1	1	0.01	0.01



THE SUMMARY STATISTICS

CENTIMETERS	INCHES
25.97	MEAN VALUE 10.22
0.01	SE(MEAN) 0.01
1.20	SD DEVIATION 0.47
0.01	SE(SD DEV) 0.00

SYMMETRY---	VETA I = 0.11
KURTOSIS---	VETA II = 3.17
COEF. OF VARIATION	= 4.64

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS	INCHES
29.04	99TH 11.43
28.56	98TH 11.25
28.29	97TH 11.14
27.95	95TH 11.00
27.47	90TH 10.82
27.17	85TH 10.70
26.95	80TH 10.61
26.75	75TH 10.53
26.58	70TH 10.46
26.42	65TH 10.40
26.27	60TH 10.34
26.12	55TH 10.28
25.98	50TH 10.23
25.83	45TH 10.17
25.68	40TH 10.11
25.52	35TH 10.05
25.35	30TH 9.98
25.16	25TH 9.91
24.95	20TH 9.82
24.71	15TH 9.73
24.41	10TH 9.61
23.96	5TH 9.43
23.69	3RD 9.33
23.50	2RD 9.25
23.22	1ST 9.14

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

..... INSTEP LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
21.75- 22.25	1	5341	0.02	100.00
21.25- 21.75	0	5340	0.00	99.98
20.75- 21.25	18	5340	0.34	99.98
20.25- 20.75	10	5322	0.19	99.64
19.75- 20.25	104	5312	1.95	99.46
19.25- 19.75	100	5208	1.87	97.51
18.75- 19.25	523	5108	9.79	95.64
18.25- 18.75	328	4585	6.14	85.85
17.75- 18.25	1190	4257	22.28	79.70
17.25- 17.75	504	3067	9.44	57.42
16.75- 17.25	1283	2563	24.02	47.99
16.25- 16.75	438	1280	8.20	23.97
15.75- 16.25	570	842	10.67	15.76
15.25- 15.75	150	272	2.81	5.09
14.75- 15.25	97	122	1.82	2.28
14.25- 14.75	10	25	0.19	0.47
13.75- 14.25	10	15	0.19	0.28
13.25- 13.75	1	5	0.02	0.09
12.75- 13.25	3	4	0.06	0.07
12.25- 12.75	0	1	0.00	0.02
11.75- 12.25	0	1	0.00	0.02
11.25- 11.75	1	1	0.02	0.02

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
17.44	MEAN VALUE	6.87
0.02	SE(MEAN)	0.01
1.12	SD DEVIATION	0.44
0.01	SE(SD DEV)	0.00

SYMMETRY---	VETA I =	0.06
KURTOSIS---	VETA II =	3.21
COEF. OF VARIATION	=	6.44

NUMBER OF SUBJECTS = 5341.



THE PERCENTILES

CENTIMETERS		INCHES
20.14	99TH	7.93
19.82	98TH	7.80
19.61	97TH	7.72
19.33	95TH	7.61
18.90	90TH	7.44
18.61	85TH	7.33
18.38	80TH	7.24
18.19	75TH	7.16
18.02	70TH	7.09
17.86	65TH	7.03
17.71	60TH	6.97
17.56	55TH	6.91
17.42	50TH	6.86
17.28	45TH	6.80
17.14	40TH	6.75
17.00	35TH	6.69
16.84	30TH	6.63
16.68	25TH	6.57
16.50	20TH	6.50
16.29	15TH	6.41
16.03	10TH	6.31
15.64	5TH	6.16
15.38	3RD	6.06
15.20	2RD	5.98
14.90	1ST	5.87

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....
FOOT BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
12.45- 12.55	15	7884	0.19	100.00
12.35- 12.45	0	7869	0.00	99.81
12.25- 12.35	1	7869	0.01	99.81
12.15- 12.25	0	7868	0.00	99.80
12.05- 12.15	0	7868	0.00	99.80
11.95- 12.05	98	7868	1.24	99.80
11.85- 11.95	0	7770	0.00	98.55
11.75- 11.85	1	7770	0.01	98.55
11.65- 11.75	4	7769	0.05	98.54
11.55- 11.65	0	7765	0.00	98.49
11.45- 11.55	398	7765	5.05	98.49
11.35- 11.45	2	7367	0.03	93.44
11.25- 11.35	6	7365	0.08	93.42
11.15- 11.25	4	7359	0.05	93.34
11.05- 11.15	4	7355	0.05	93.29
10.95- 11.05	1274	7351	16.16	93.24
10.85- 10.95	3	6077	0.04	77.08
10.75- 10.85	3	6074	0.04	77.04
10.65- 10.75	20	6071	0.25	77.00
10.55- 10.65	9	6051	0.11	76.75
10.45- 10.55	2240	6042	28.41	76.64
10.35- 10.45	6	3802	0.08	48.22
10.25- 10.35	9	3796	0.11	48.15
10.15- 10.25	16	3787	0.20	48.03
10.05- 10.15	14	3771	0.18	47.83
9.95- 10.05	2226	3757	28.23	47.65
9.85- 9.95	0	1531	0.00	19.42
9.75- 9.85	0	1531	0.00	19.42
9.65- 9.75	12	1531	0.15	19.42
9.55- 9.65	5	1519	0.06	19.27
9.45- 9.55	1121	1514	14.22	19.20
9.35- 9.45	1	393	0.01	4.98
9.25- 9.35	2	392	0.03	4.97
9.15- 9.25	4	390	0.05	4.95
9.05- 9.15	0	386	0.00	4.90
8.95- 9.05	335	386	4.25	4.90
8.85- 8.95	0	51	0.00	0.65
8.75- 8.85	0	51	0.00	0.65
8.65- 8.75	0	51	0.00	0.65
8.55- 8.65	0	51	0.00	0.65
8.45- 8.55	44	51	0.56	0.65
8.35- 8.45	0	7	0.00	0.09
8.25- 8.35	0	7	0.00	0.09
8.15- 8.25	0	7	0.00	0.09
8.05- 8.15	0	7	0.00	0.09
7.95- 8.05	7	7	0.09	0.09

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS INCHES

10.29 MEAN VALUE 4.05
0.01 SE(MEAN) 0.00
0.65 SD DEVIATION 0.26
0.01 SE(SD DEV) 0.00

SYMMETRY---VETA I = 0.08
KURTOSIS---VETA II = 3.13
COEF. OF VARIATION = 6.34

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS INCHES

11.93	99TH	4.70
11.68	98TH	4.60
11.54	97TH	4.54
11.35	95TH	4.47
11.10	90TH	4.37
10.94	85TH	4.31
10.81	80TH	4.26
10.71	75TH	4.22
10.62	70TH	4.18
10.53	65TH	4.15
10.45	60TH	4.11
10.37	55TH	4.08
10.30	50TH	4.05
10.22	45TH	4.02
10.14	40TH	3.99
10.06	35TH	3.96
9.98	30TH	3.93
9.88	25TH	3.89
9.78	20TH	3.85
9.66	15TH	3.80
9.50	10TH	3.74
9.28	5TH	3.65
9.14	3RD	3.60
9.04	2RD	3.56
8.90	1ST	3.50

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
HEEL BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPT
8.45-	8.55	1	7884	0.01 100.00
8.35-	8.45	1	7883	0.01 99.99
8.25-	8.35	0	7882	0.00 99.97
8.15-	8.25	2	7882	0.03 99.97
8.05-	8.15	11	7880	0.14 99.95
7.95-	8.05	44	7869	0.56 99.81
7.85-	7.95	3	7825	0.04 99.25
7.75-	7.85	8	7822	0.10 99.21
7.65-	7.75	39	7814	0.49 99.11
7.55-	7.65	64	7775	0.81 98.62
7.45-	7.55	135	7711	1.71 97.81
7.35-	7.45	189	7576	2.40 96.09
7.25-	7.35	137	7387	1.74 93.70
7.15-	7.25	403	7250	5.11 91.96
7.05-	7.15	488	6847	6.19 86.85
6.95-	7.05	2016	6359	25.57 80.66
6.85-	6.95	61	4343	0.77 55.09
6.75-	6.85	665	4282	8.43 54.31
6.65-	6.75	569	3617	7.22 45.88
6.55-	6.65	1052	3048	13.34 38.66
6.45-	6.55	699	1996	8.87 25.32
6.35-	6.45	477	1297	6.05 16.45
6.25-	6.35	181	820	2.30 10.40
6.15-	6.25	293	639	3.72 8.11
6.05-	6.15	139	346	1.76 4.39
5.95-	6.05	193	207	2.45 2.63
5.85-	5.95	0	14	0.00 0.18
5.75-	5.85	4	14	0.05 0.18
5.65-	5.75	5	10	0.06 0.13
5.55-	5.65	2	5	0.03 0.06
5.45-	5.55	3	3	0.04 0.04



THE SUMMARY STATISTICS

CENTIMETERS	INCHES
6.80	MEAN VALUE 2.68
0.00	SE(MEAN) 0.00
0.37	SD DEVIATION 0.15
0.00	SE(SD DEV) 0.00

SYMMETRY---	VETA I = 0.13
KURTOSIS---	VETA II = 3.37
COEF. OF VARIATION	= 5.45

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS	INCHES
7.74	99TH 3.05
7.57	98TH 2.98
7.48	97TH 2.95
7.38	95TH 2.90
7.24	90TH 2.85
7.16	85TH 2.82
7.09	80TH 2.79
7.04	75TH 2.77
6.99	70TH 2.75
6.95	65TH 2.73
6.90	60TH 2.72
6.86	55TH 2.70
6.81	50TH 2.68
6.77	45TH 2.66
6.72	40TH 2.65
6.67	35TH 2.63
6.61	30TH 2.60
6.55	25TH 2.58
6.48	20TH 2.55
6.40	15TH 2.52
6.30	10TH 2.48
6.16	5TH 2.43
6.08	3RD 2.40
6.03	2RD 2.38
5.98	1ST 2.35

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

..... BALL-OF-FOOT CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPT
30.75- 31.05	4	7884	0.05	100.00
30.45- 30.75	0	7880	0.00	99.95
30.15- 30.45	0	7880	0.00	99.95
29.85- 30.15	14	7880	0.18	99.95
29.55- 29.85	0	7866	0.00	99.77
29.25- 29.55	5	7866	0.06	99.77
28.95- 29.25	106	7861	1.34	99.71
28.65- 28.95	1	7755	0.01	98.36
28.35- 28.65	26	7754	0.33	98.35
28.05- 28.35	20	7728	0.25	98.02
27.75- 28.05	497	7708	6.30	97.77
27.45- 27.75	71	7211	0.90	91.46
27.15- 27.45	54	7140	0.68	90.56
26.85- 27.15	1280	7086	16.24	89.88
26.55- 26.85	22	5806	0.28	73.64
26.25- 26.55	196	5784	2.49	73.36
25.95- 26.25	2084	5588	26.43	70.88
25.65- 25.95	22	3504	0.28	44.44
25.35- 25.65	183	3482	2.32	44.17
25.05- 25.35	123	3299	1.56	41.84
24.75- 25.05	1873	3176	23.76	40.28
24.45- 24.75	95	1303	1.20	16.53
24.15- 24.45	90	1208	1.14	15.32
23.85- 24.15	811	1118	10.29	14.18
23.55- 23.85	7	307	0.09	3.89
23.25- 23.55	44	300	0.56	3.81
22.95- 23.25	209	256	2.65	3.25
22.65- 22.95	2	47	0.03	0.60
22.35- 22.65	7	45	0.09	0.57
22.05- 22.35	6	38	0.08	0.48
21.75- 22.05	29	32	0.37	0.41
21.45- 21.75	0	3	0.00	0.04
21.15- 21.45	0	3	0.00	0.04
20.85- 21.15	3	3	0.04	0.04

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
25.77	MEAN VALUE 10.14
0.01	SE(MEAN) 0.01
1.30	SD DEVIATION 0.51
0.01	SE(SD DEV) 0.00

SYMMETRY---VETA I = 0.09
KURTOSIS---VETA II = 3.10
COEF. OF VARIATION = 5.06

NUMBER OF SUBJECTS = 7884.

THE PERCENTILES

CENTIMETERS	INCHES
28.96	99TH 11.40
28.45	98TH 11.20
28.16	97TH 11.09
27.82	95TH 10.95
27.34	90TH 10.76
27.05	85TH 10.65
26.82	80TH 10.56
26.62	75TH 10.48
26.44	70TH 10.41
26.27	65TH 10.34
26.11	60TH 10.28
25.95	55TH 10.22
25.79	50TH 10.15
25.63	45TH 10.09
25.46	40TH 10.02
25.28	35TH 9.95
25.09	30TH 9.88
24.88	25TH 9.79
24.64	20TH 9.70
24.37	15TH 9.60
24.04	10TH 9.46
23.58	5TH 9.28
23.33	3RD 9.18
23.17	2RD 9.12
23.00	1ST 9.06



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

..... HEEL-ANKLE DIAGONAL

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES*	F	CUMF	FPCT	CUMPT
39.45- 39.75	1	7884	0.01	100.00
39.15- 39.45	0	7883	0.00	99.99
38.85- 39.15	4	7883	0.05	99.99
38.55- 38.85	0	7879	0.00	99.94
38.25- 38.55	2	7879	0.03	99.94
37.95- 38.25	45	7877	0.57	99.91
37.65- 37.95	2	7832	0.03	99.34
37.35- 37.65	8	7830	0.10	99.32
37.05- 37.35	8	7822	0.10	99.21
36.75- 37.05	176	7814	2.23	99.11
36.45- 36.75	22	7638	0.28	96.88
36.15- 36.45	15	7616	0.19	96.60
35.85- 36.15	525	7601	6.66	96.41
35.55- 35.85	6	7076	0.08	89.75
35.25- 35.55	77	7070	0.98	89.68
34.95- 35.25	1278	6993	16.21	88.70
34.65- 34.95	8	5715	0.10	72.49
34.35- 34.65	105	5707	1.33	72.39
34.05- 34.35	106	5602	1.34	71.06
33.75- 34.05	1881	5496	23.86	69.71
33.45- 33.75	66	3615	0.84	45.85
33.15- 33.45	177	3549	2.25	45.02
32.85- 33.15	1817	3372	23.05	42.77
32.55- 32.85	11	1555	0.14	19.72
32.25- 32.55	94	1544	1.19	19.58
31.95- 32.25	971	1450	12.32	18.39
31.65- 31.95	4	479	0.05	6.08
31.35- 31.65	30	475	0.38	6.02
31.05- 31.35	45	445	0.57	5.64
30.75- 31.05	280	400	3.55	5.07
30.45- 30.75	8	120	0.10	1.52
30.15- 30.45	8	112	0.10	1.42
29.85- 30.15	85	104	1.08	1.32
29.55- 29.85	0	19	0.00	0.24
29.25- 29.55	1	19	0.01	0.24
28.95- 29.25	16	18	0.20	0.23
28.65- 28.95	0	2	0.00	0.03
28.35- 28.65	1	2	0.01	0.03
28.05- 28.35	0	1	0.00	0.01
27.75- 28.05	0	1	0.00	0.01
27.45- 27.75	0	1	0.00	0.01
27.15- 27.45	0	1	0.00	0.01
26.85- 27.15	0	1	0.00	0.01
26.55- 26.85	0	1	0.00	0.01
26.25- 26.55	0	1	0.00	0.01
25.95- 26.25	1	1	0.01	0.01

*IN CENTIMETERS

CENTIMETERS	INCHES
33.72	MEAN VALUE 13.28
0.02	SE(MEAN) 0.01
1.47	SD DEVIATION 0.58
0.01	SE(SD DEV) 0.00

SYMMETRY---VETA I = 0.08
KURTOSIS---VETA II = 3.29
COEF. OF VARIATION = 4.37

NUMBER OF SUBJECTS = 7884.



THE PERCENTILES

CENTIMETERS	INCHES
37.12	99TH 14.61
36.84	98TH 14.50
36.62	97TH 14.42
36.28	95TH 14.28
35.70	90TH 14.05
35.29	85TH 13.89
34.96	80TH 13.77
34.69	75TH 13.66
34.45	70TH 13.56
34.23	65TH 13.47
34.02	60TH 13.39
33.83	55TH 13.32
33.65	50TH 13.25
33.47	45TH 13.18
33.29	40TH 13.11
33.11	35TH 13.04
32.93	30TH 12.96
32.74	25TH 12.89
32.52	20TH 12.80
32.27	15TH 12.70
31.94	10TH 12.57
31.39	5TH 12.36
30.98	3RD 12.20
30.64	2RD 12.06
30.01	1ST 11.82

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 INSTEP CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPT
33.75- 34.05	2	7884	0.03	100.00
33.45- 33.75	0	7882	0.00	99.97
33.15- 33.45	1	7882	0.01	99.97
32.85- 33.15	7	7881	0.09	99.96
32.55- 32.85	0	7874	0.00	99.87
32.25- 32.55	2	7874	0.03	99.87
31.95- 32.25	45	7872	0.57	99.85
31.65- 31.95	0	7827	0.00	99.28
31.35- 31.65	2	7827	0.03	99.28
31.05- 31.35	1	7825	0.01	99.25
30.75- 31.05	96	7824	1.22	99.24
30.45- 30.75	0	7728	0.00	98.02
30.15- 30.45	4	7728	0.05	98.02
29.85- 30.15	284	7724	3.60	97.97
29.55- 29.85	12	7440	0.15	94.37
29.25- 29.55	42	7428	0.53	94.22
28.95- 29.25	710	7386	9.01	93.68
28.65- 28.95	11	6676	0.14	84.68
28.35- 28.65	73	6665	0.93	84.54
28.05- 28.35	58	6592	0.74	83.61
27.75- 28.05	1341	6534	17.01	82.88
27.45- 27.75	105	5193	1.33	65.87
27.15- 27.45	116	5088	1.47	64.54
26.85- 27.15	1730	4972	21.94	63.06
26.55- 26.85	31	3242	0.39	41.12
26.25- 26.55	167	3211	2.12	40.73
25.95- 26.25	1648	3044	20.90	38.61
25.65- 25.95	17	1396	0.22	17.71
25.35- 25.65	144	1379	1.83	17.49
25.05- 25.35	97	1235	1.23	15.66
24.75- 25.05	780	1138	9.89	14.43
24.45- 24.75	35	358	0.44	4.54
24.15- 24.45	27	323	0.34	4.10
23.85- 24.15	237	296	3.01	3.75
23.55- 23.85	2	59	0.03	0.75
23.25- 23.55	9	57	0.11	0.72
22.95- 23.25	42	48	0.53	0.61
22.65- 22.95	1	6	0.01	0.08
22.35- 22.65	1	5	0.01	0.06
22.05- 22.35	1	4	0.01	0.05
21.75- 22.05	3	3	0.04	0.04

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
26.99	MEAN VALUE	10.63
0.02	SE(MEAN)	0.01
1.58	SD DEVIATION	0.62
0.01	SE(SD DEV)	0.00

SYMMETRY---VETA I = 0.37
 KURTOSIS---VETA II = 3.38
 COEF. OF VARIATION = 5.84

NUMBER OF SUBJECTS = 7884.



THE PERCENTILES

CENTIMETERS		INCHES
30.95	99TH	12.18
30.46	98TH	11.99
30.14	97TH	11.87
29.72	95TH	11.70
29.07	90TH	11.45
28.64	85TH	11.28
28.31	80TH	11.15
28.02	75TH	11.03
27.77	70TH	10.93
27.54	65TH	10.84
27.32	60TH	10.76
27.12	55TH	10.68
26.92	50TH	10.60
26.72	45TH	10.52
26.52	40TH	10.44
26.32	35TH	10.36
26.11	30TH	10.28
25.89	25TH	10.19
25.65	20TH	10.10
25.38	15TH	9.99
25.04	10TH	9.86
24.57	5TH	9.67
24.28	3RD	9.56
24.07	2RD	9.48
23.75	1ST	9.35

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....
AGE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
59.50- 60.50	1	7878	0.01	100.00
58.50- 59.50	0	7877	0.00	99.99
57.50- 58.50	1	7877	0.01	99.99
56.50- 57.50	0	7876	0.00	99.97
55.50- 56.50	0	7876	0.00	99.97
54.50- 55.50	0	7876	0.00	99.97
53.50- 54.50	2	7876	0.03	99.97
52.50- 53.50	0	7874	0.00	99.95
51.50- 52.50	1	7874	0.01	99.95
50.50- 51.50	0	7873	0.00	99.94
49.50- 50.50	0	7873	0.00	99.94
48.50- 49.50	1	7873	0.01	99.94
47.50- 48.50	12	7872	0.15	99.92
46.50- 47.50	19	7860	0.24	99.77
45.50- 46.50	14	7841	0.18	99.53
44.50- 45.50	23	7827	0.29	99.35
43.50- 44.50	28	7804	0.36	99.06
42.50- 43.50	37	7776	0.47	98.71
41.50- 42.50	38	7739	0.48	98.24
40.50- 41.50	23	7701	0.29	97.75
39.50- 40.50	43	7678	0.55	97.46
38.50- 39.50	23	7635	0.29	96.92
37.50- 38.50	44	7612	0.56	96.62
36.50- 37.50	62	7568	0.79	96.06
35.50- 36.50	43	7506	0.55	95.28
34.50- 35.50	72	7463	0.91	94.73
33.50- 34.50	67	7391	0.85	93.82
32.50- 33.50	75	7324	0.95	92.97
31.50- 32.50	117	7249	1.49	92.02
30.50- 31.50	125	7132	1.59	90.53
29.50- 30.50	132	7007	1.68	88.94
28.50- 29.50	123	6875	1.56	87.27
27.50- 28.50	137	6752	1.74	85.71
26.50- 27.50	160	6615	2.03	83.97
25.50- 26.50	148	6455	1.88	81.94
24.50- 25.50	155	6307	1.97	80.06
23.50- 24.50	380	6152	4.82	78.09
22.50- 23.50	462	5772	5.86	73.27
21.50- 22.50	638	5310	8.10	67.40
20.50- 21.50	1026	4672	13.02	59.30
19.50- 20.50	3497	3646	44.39	46.28
18.50- 19.50	149	149	1.89	1.89

*IN YEARS

THE SUMMARY STATISTICS

YEARS		YEARS
23.28	MEAN VALUE	23.28
0.06	SE(MEAN)	0.06
5.52	SD DEVIATION	5.52
0.04	SE(SD DEV)	0.04

SYMMETRY---VETA I = 2.24
KURTOSIS---VETA II = 8.02
COEF. OF VARIATION = 23.70

NUMBER OF SUBJECTS = 7878.

THE PERCENTILES

YEARS		YEARS
45.27	99TH	45.27
41.38	98TH	41.38
38.90	97TH	38.90
35.61	95TH	35.61
30.91	90TH	30.91
28.10	85TH	28.10
26.15	80TH	26.15
24.65	75TH	24.65
23.49	70TH	23.49
22.55	65TH	22.55
21.79	60TH	21.79
21.17	55TH	21.17
20.67	50TH	20.67
20.27	45TH	20.27
19.96	40TH	19.96
19.75	35TH	19.75
19.62	30TH	19.62
19.57	25TH	19.57
19.62	20TH	19.62
19.77	15TH	19.77
20.01	10TH	20.01
20.20	5TH	20.20
20.03	3RD	20.03
19.64	2RD	19.64
18.41	1ST	18.41

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....
WEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
111.50-113.50	1	790	0.13	100.00
109.50-111.50	0	789	0.00	99.87
107.50-109.50	0	789	0.00	99.87
105.50-107.50	0	789	0.00	99.87
103.50-105.50	0	789	0.00	99.87
101.50-103.50	0	789	0.00	99.87
99.50-101.50	1	789	0.13	99.87
97.50- 99.50	0	788	0.00	99.75
95.50- 97.50	2	788	0.25	99.75
93.50- 95.50	5	786	0.63	99.49
91.50- 93.50	2	781	0.25	98.86
89.50- 91.50	7	779	0.89	98.61
87.50- 89.50	7	772	0.89	97.72
85.50- 87.50	6	765	0.76	96.84
83.50- 85.50	12	759	1.52	96.08
81.50- 83.50	11	747	1.39	94.56
79.50- 81.50	27	736	3.42	93.16
77.50- 79.50	17	709	2.15	89.75
75.50- 77.50	12	692	1.52	87.59
73.50- 75.50	33	680	4.18	86.08
71.50- 73.50	17	647	2.15	81.90
69.50- 71.50	47	630	5.95	79.75
67.50- 69.50	36	583	4.56	73.80
65.50- 67.50	36	547	4.56	69.24
63.50- 65.50	86	511	10.89	64.68
61.50- 63.50	57	425	7.22	53.80
59.50- 61.50	114	368	14.43	46.58
57.50- 59.50	63	254	7.97	32.15
55.50- 57.50	52	191	6.58	24.18
53.50- 55.50	65	139	8.23	17.59
51.50- 53.50	21	74	2.66	9.37
49.50- 51.50	36	53	4.56	6.71
47.50- 49.50	11	17	1.39	2.15
45.50- 47.50	3	6	0.38	0.76
43.50- 45.50	2	3	0.25	0.38
41.50- 43.50	0	1	0.00	0.13
39.50- 41.50	1	1	0.13	0.13

*IN KILOGRAMS

THE SUMMARY STATISTICS

KILOGRAMS		POUNDS
64.41	MEAN VALUE	141.71
0.36	SE (MEAN)	0.79
10.07	SD DEVIATION	22.14
0.25	SE (SD DEV)	0.56

SYMMETRY---VETA I = 0.93
KURTOSIS---VETA II = 3.97
COEF. OF VARIATION = 15.63

NUMBER OF SUBJECTS = 790.

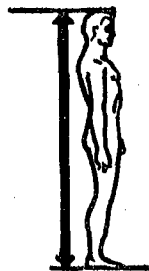
THE PERCENTILES

KILOGRAMS		POUNDS
94.23	99TH	207.31
90.23	98TH	198.50
87.59	97TH	192.70
83.97	95TH	184.74
78.48	90TH	172.66
74.93	85TH	164.84
72.27	80TH	158.98
70.07	75TH	154.16
68.22	70TH	150.08
66.60	65TH	146.51
65.14	60TH	143.30
63.81	55TH	140.37
62.57	50TH	137.64
61.40	45TH	135.08
60.29	40TH	132.65
59.23	35TH	130.30
58.18	30TH	128.01
57.14	25TH	125.70
56.06	20TH	123.33
54.91	15TH	120.81
53.58	10TH	117.87
51.66	5TH	113.66
50.35	3RD	110.77
49.28	2RD	108.42
47.32	1ST	104.11

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
HEIGHT (STATURE)

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPT
185.25-186.25	1	790	0.13	100.00
184.25-185.25	2	789	0.25	99.87
183.25-184.25	2	787	0.25	99.62
182.25-183.25	2	785	0.25	99.37
181.25-182.25	3	783	0.38	99.11
180.25-181.25	6	780	0.76	98.73
179.25-180.25	6	774	0.76	97.97
178.25-179.25	13	768	1.65	97.22
177.25-178.25	15	755	1.90	95.57
176.25-177.25	20	740	2.53	93.67
175.25-176.25	24	720	3.04	91.14
174.25-175.25	23	696	2.91	88.10
173.25-174.25	29	673	3.67	85.19
172.25-173.25	50	644	6.33	81.52
171.25-172.25	53	594	6.71	75.19
170.25-171.25	48	541	6.08	68.48
169.25-170.25	37	493	4.68	62.41
168.25-169.25	58	456	7.34	57.72
167.25-168.25	56	398	7.09	50.38
166.25-167.25	53	342	6.71	43.29
165.25-166.25	49	289	6.20	36.58
164.25-165.25	48	240	6.08	30.38
163.25-164.25	33	192	4.18	24.30
162.25-163.25	38	159	4.81	20.13
161.25-162.25	36	121	4.56	15.32
160.25-161.25	25	85	3.16	10.76
159.25-160.25	20	60	2.53	7.59
158.25-159.25	15	40	1.90	5.06
157.25-158.25	10	25	1.27	3.16
156.25-157.25	2	15	0.25	1.90
155.25-156.25	6	13	0.76	1.65
154.25-155.25	4	7	0.51	0.89
153.25-154.25	1	3	0.13	0.38
152.25-153.25	1	2	0.13	0.25
151.25-152.25	1	1	0.13	0.13



THE SUMMARY STATISTICS

CENTIMETERS	INCHES
168.31	MEAN VALUE 66.26
0.20	SE (MEAN) 0.08
5.70	SD DEVIATION 2.24
0.14	SE (SD DEV) 0.06

SYMMETRY---	VETA I = 0.10
KURTOSIS---	VETA II = 2.84
COEF. OF VARIATION	= 3.38

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS	INCHES
181.83	99TH 71.59
180.31	98TH 70.99
179.31	97TH 70.59
177.94	95TH 70.05
175.79	90TH 69.21
174.33	85TH 68.63
173.17	80TH 68.18
172.17	75TH 67.78
171.28	70TH 67.43
170.46	65TH 67.11
169.68	60TH 66.80
168.94	55TH 66.51
168.20	50TH 66.22
167.47	45TH 65.93
166.74	40TH 65.65
165.99	35TH 65.35
165.21	30TH 65.04
164.37	25TH 64.71
163.44	20TH 64.35
162.38	15TH 63.93
161.05	10TH 63.41
159.14	5TH 62.65
157.93	3RD 62.18
157.05	2RD 61.83
155.68	1ST 61.29

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

CERVICALE HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPC
161.25-162.25	1	790	0.13	100.00
160.25-161.25	1	789	0.13	99.87
159.25-160.25	0	788	0.00	99.75
158.25-159.25	3	788	0.38	99.75
157.25-158.25	2	785	0.25	99.37
156.25-157.25	1	783	0.13	99.11
155.25-156.25	5	782	0.63	98.99
154.25-155.25	10	777	1.27	98.35
153.25-154.25	17	767	2.15	97.09
152.25-153.25	13	750	1.65	94.94
151.25-152.25	19	737	2.41	93.29
150.25-151.25	26	718	3.29	90.89
149.25-150.25	28	692	3.54	87.59
148.25-149.25	24	664	3.04	84.05
147.25-148.25	51	640	6.46	81.01
146.25-147.25	46	589	5.82	74.56
145.25-146.25	53	543	6.71	68.73
144.25-145.25	63	490	7.97	62.03
143.25-144.25	55	427	6.96	54.05
142.25-143.25	58	372	7.34	47.09
141.25-142.25	59	314	7.47	39.75
140.25-141.25	37	255	4.68	32.28
139.25-140.25	53	218	6.71	27.59
138.25-139.25	49	165	6.20	20.89
137.25-138.25	25	116	3.16	14.68
136.25-137.25	19	91	2.41	11.52
135.25-136.25	27	72	3.42	9.11
134.25-135.25	14	45	1.77	5.70
133.25-134.25	14	31	1.77	3.92
132.25-133.25	8	17	1.01	2.15
131.25-132.25	4	9	0.51	1.14
130.25-131.25	2	5	0.25	0.63
129.25-130.25	2	3	0.25	0.38
128.25-129.25	0	1	0.00	0.13
127.25-128.25	1	1	0.13	0.13

*IN CENTIMETERS

II-72

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
143.72	MEAN VALUE	56.58
0.19	SE(MEAN)	0.08
5.45	SD DEVIATION	2.15
0.14	SE(SD DEV)	0.05

SYMMETRY---VETA I	=	0.13
KURTOSIS---VETA II	=	2.89
COEF. OF VARIATION	=	3.79

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
156.43	99TH	61.58
155.07	98TH	61.05
154.17	97TH	60.70
152.91	95TH	60.20
150.90	90TH	59.41
149.51	85TH	58.86
148.40	80TH	58.42
147.44	75TH	58.05
146.58	70TH	57.71
145.79	65TH	57.40
145.04	60TH	57.10
144.32	55TH	56.82
143.61	50TH	56.54
142.91	45TH	56.26
142.21	40TH	55.99
141.48	35TH	55.70
140.73	30TH	55.41
139.92	25TH	55.09
139.04	20TH	54.74
138.03	15TH	54.34
136.78	10TH	53.85
135.00	5TH	53.15
133.88	3RD	52.71
133.08	2RD	52.39
131.85	1ST	51.91



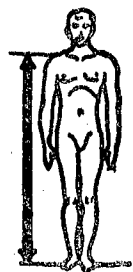
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

..... SHOULDER (ACROMION) HEIGHT

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES*	F	CUMF	FPCT	CUMFCT
158.25-159.25	1	790	0.13	100.00
157.25-158.25	0	789	0.00	99.87
156.25-157.25	0	789	0.00	99.87
155.25-156.25	0	789	0.00	99.87
154.25-155.25	1	789	0.13	99.87
153.25-154.25	0	788	0.00	99.75
152.25-153.25	1	788	0.13	99.75
151.25-152.25	3	787	0.38	99.62
150.25-151.25	5	784	0.63	99.24
149.25-150.25	6	779	0.76	98.61
148.25-149.25	6	773	0.76	97.85
147.25-148.25	14	767	1.77	97.09
146.25-147.25	20	753	2.53	95.32
145.25-146.25	20	733	2.53	92.78
144.25-145.25	24	713	3.04	90.25
143.25-144.25	39	689	4.94	87.22
142.25-143.25	43	650	5.44	82.28
141.25-142.25	47	607	5.95	76.84
140.25-141.25	51	560	6.46	70.89
139.25-140.25	42	509	5.32	64.43
138.25-139.25	55	467	6.96	59.11
137.25-138.25	71	412	8.99	52.15
136.25-137.25	55	341	6.96	43.16
135.25-136.25	43	286	5.44	36.20
134.25-135.25	50	243	6.33	30.76
133.25-134.25	54	193	6.84	24.43
132.25-133.25	40	139	5.06	17.59
131.25-132.25	24	99	3.04	12.53
130.25-131.25	24	75	3.04	9.49
129.25-130.25	18	51	2.28	6.46
128.25-129.25	12	33	1.52	4.18
127.25-128.25	13	21	1.65	2.66
126.25-127.25	1	8	0.13	1.01
125.25-126.25	1	7	0.13	0.89
124.25-125.25	3	6	0.38	0.76
123.25-124.25	1	3	0.13	0.38
122.25-123.25	1	2	0.13	0.25
121.25-122.25	1	1	0.13	0.13



CENTIMETERS	INCHES
138.21	MEAN VALUE 54.41
0.19	SE(MEAN) 0.07
5.35	SD DEVIATION 2.11
0.13	SE(SD DEV) 0.05

SYMMETRY---VETA I = 0.13
KURTOSIS---VETA II = 2.96
COEF. OF VARIATION = 3.87

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS	INCHES
150.86	99TH 59.39
149.34	98TH 58.80
148.39	97TH 58.42
147.11	95TH 57.92
145.15	90TH 57.15
143.82	85TH 56.62
142.76	80TH 56.20
141.84	75TH 55.84
141.02	70TH 55.52
140.25	65TH 55.22
139.53	60TH 54.93
138.82	55TH 54.66
138.13	50TH 54.38
137.43	45TH 54.11
136.73	40TH 53.83
136.01	35TH 53.55
135.25	30TH 53.25
134.44	25TH 52.93
133.55	20TH 52.58
132.54	15TH 52.18
131.30	10TH 51.69
129.61	5TH 51.03
128.61	3RD 50.64
127.95	2RD 50.37
127.05	1ST 50.02

*IN CENTIMETERS

II-73

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 WAIST (TOP OF HIP BONE) HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPT
115.25-116.25	1	790	0.13	100.00
114.25-115.25	0	789	0.00	99.87
113.25-114.25	0	789	0.00	99.87
112.25-113.25	0	789	0.00	99.87
111.25-112.25	5	789	0.63	99.87
110.25-111.25	5	784	0.63	99.24
109.25-110.25	14	779	1.77	98.61
108.25-109.25	18	765	2.28	96.84
107.25-108.25	22	747	2.78	94.56
106.25-107.25	36	725	4.56	91.77
105.25-106.25	53	689	6.71	87.22
104.25-105.25	45	636	5.70	80.51
103.25-104.25	36	591	4.56	74.81
102.25-103.25	72	555	9.11	70.25
101.25-102.25	79	483	10.00	61.14
100.25-101.25	76	404	9.62	51.14
99.25-100.25	62	328	7.85	41.52
98.25- 99.25	62	266	7.85	33.67
97.25- 98.25	55	204	6.96	25.82
96.25- 97.25	53	149	6.71	18.86
95.25- 96.25	27	96	3.42	12.15
94.25- 95.25	30	69	3.80	8.73
93.25- 94.25	10	39	1.27	4.94
92.25- 93.25	17	29	2.15	3.67
91.25- 92.25	8	12	1.01	1.52
90.25- 91.25	2	4	0.25	0.51
89.25- 90.25	0	2	0.00	0.25
88.25- 89.25	1	2	0.13	0.25
87.25- 88.25	1	1	0.13	0.13



THE SUMMARY STATISTICS

CENTIMETERS	INCHES
101.13	MEAN VALUE 39.82
0.15	SE (MEAN) 0.06
4.32	SD DEVIATION 1.70
0.11	SE (SD DEV) 0.04

SYMMETRY---	VETA I = 0.05
KURTOSIS---	VETA II = 2.75
CDEF. OF VARIATION	= 4.27

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS	INCHES
110.87	99TH 43.65
109.96	98TH 43.29
109.33	97TH 43.04
108.41	95TH 42.68
106.89	90TH 42.08
105.82	85TH 41.66
104.95	80TH 41.32
104.18	75TH 41.02
103.50	70TH 40.75
102.87	65TH 40.50
102.26	60TH 40.26
101.68	55TH 40.03
101.11	50TH 39.81
100.54	45TH 39.58
99.97	40TH 39.36
99.39	35TH 39.13
98.77	30TH 38.89
98.12	25TH 38.63
97.40	20TH 38.35
96.59	15TH 38.03
95.58	10TH 37.63
94.14	5TH 37.06
93.23	3RD 36.70
92.58	2RD 36.45
91.58	1ST 36.05

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

CROTCH HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPT
88.25- 89.25	1	790	0.13	100.00
87.25- 88.25	3	789	0.38	99.87
86.25- 87.25	4	786	0.51	99.49
85.25- 86.25	2	782	0.25	98.99
84.25- 85.25	12	780	1.52	98.73
83.25- 84.25	21	768	2.66	97.22
82.25- 83.25	31	747	3.92	94.56
81.25- 82.25	33	716	4.18	90.63
80.25- 81.25	39	683	4.94	86.46
79.25- 80.25	53	644	6.71	81.52
78.25- 79.25	59	591	7.47	74.81
77.25- 78.25	54	532	6.84	67.34
76.25- 77.25	69	478	8.73	60.51
75.25- 76.25	82	409	10.38	51.77
74.25- 75.25	54	327	6.84	41.39
73.25- 74.25	58	273	7.34	34.56
72.25- 73.25	66	215	8.35	27.22
71.25- 72.25	48	149	6.08	18.86
70.25- 71.25	32	101	4.05	12.78
69.25- 70.25	21	69	2.66	8.73
68.25- 69.25	23	48	2.91	6.08
67.25- 68.25	14	25	1.77	3.16
66.25- 67.25	5	11	0.63	1.39
65.25- 66.25	3	6	0.38	0.76
64.25- 65.25	3	3	0.38	0.38



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
76.15	MEAN VALUE	29.98
0.16	SE(MEAN)	0.06
4.37	SD DEVIATION	1.72
0.11	SE(SD DEV)	0.04

SYMMETRY---	VETA I =	0.05
KURTOSIS---	VETA II =	2.63
COEF. OF VARIATION	=	5.73

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
86.04	99TH	33.87
85.03	98TH	33.48
84.36	97TH	33.21
83.42	95TH	32.84
81.90	90TH	32.25
80.84	85TH	31.83
79.98	80TH	31.49
79.22	75TH	31.19
78.54	70TH	30.92
77.91	65TH	30.67
77.31	60TH	30.44
76.72	55TH	30.21
76.14	50TH	29.98
75.56	45TH	29.75
74.98	40TH	29.52
74.38	35TH	29.28
73.75	30TH	29.03
73.07	25TH	28.77
72.33	20TH	28.48
71.49	15TH	28.14
70.45	10TH	27.74
69.00	5TH	27.17
68.13	3RD	26.82
67.54	2RD	26.59
66.67	1ST	26.25

*IN CENTIMETERS

II-75

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....
KNEE HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
55.75- 56.25	1	790	0.13	100.00
55.25- 55.75	2	789	0.25	99.87
54.75- 55.25	6	787	0.76	99.62
54.25- 54.75	12	781	1.52	98.86
53.75- 54.25	10	769	1.27	97.34
53.25- 53.75	18	759	2.28	96.08
52.75- 53.25	28	741	3.54	93.80
52.25- 52.75	31	713	3.92	90.25
51.75- 52.25	28	682	3.54	86.33
51.25- 51.75	39	654	4.94	82.78
50.75- 51.25	37	615	4.68	77.85
50.25- 50.75	60	578	7.59	73.16
49.75- 50.25	44	518	5.57	65.57
49.25- 49.75	78	474	9.87	60.00
48.75- 49.25	62	396	7.85	50.13
48.25- 48.75	75	334	9.49	42.28
47.75- 48.25	48	259	6.08	32.78
47.25- 47.75	61	211	7.72	26.71
46.75- 47.25	34	150	4.30	18.99
46.25- 46.75	29	116	3.67	14.68
45.75- 46.25	18	87	2.28	11.01
45.25- 45.75	28	69	3.54	8.73
44.75- 45.25	15	41	1.90	5.19
44.25- 44.75	17	26	2.15	3.29
43.75- 44.25	3	9	0.38	1.14
43.25- 43.75	1	6	0.13	0.76
42.75- 43.25	1	5	0.13	0.63
42.25- 42.75	1	4	0.13	0.51
41.75- 42.25	3	3	0.38	0.38



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
49.29	MEAN VALUE	19.41
0.09	SE (MEAN)	0.03
2.48	SD DEVIATION	0.98
0.06	SE (SD DEV)	0.02

SYMMETRY---	VETA I =	0.04
KURTOSIS---	VETA II =	2.75
COEF. OF VARIATION	=	5.04

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
54.94	99TH	21.63
54.41	98TH	21.42
54.05	97TH	21.28
53.51	95TH	21.07
52.62	90TH	20.72
51.99	85TH	20.47
51.48	80TH	20.27
51.03	75TH	20.09
50.63	70TH	19.93
50.27	65TH	19.79
49.92	60TH	19.65
49.58	55TH	19.52
49.25	50TH	19.39
48.93	45TH	19.26
48.60	40TH	19.13
48.27	35TH	19.00
47.92	30TH	18.87
47.55	25TH	18.72
47.15	20TH	18.56
46.69	15TH	18.38
46.13	10TH	18.16
45.33	5TH	17.85
44.83	3RD	17.65
44.48	2RD	17.51
43.93	1ST	17.29

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

..... CALF HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPC
40.25- 40.75	1	790	0.13	100.00
39.75- 40.25	0	789	0.00	99.87
39.25- 39.75	1	789	0.13	99.87
38.75- 39.25	1	788	0.13	99.75
38.25- 38.75	3	787	0.38	99.62
37.75- 38.25	3	784	0.38	99.24
37.25- 37.75	6	781	0.76	98.86
36.75- 37.25	7	775	0.89	98.10
36.25- 36.75	23	768	2.91	97.22
35.75- 36.25	20	745	2.53	94.30
35.25- 35.75	49	725	6.20	91.77
34.75- 35.25	21	676	2.66	85.57
34.25- 34.75	46	655	5.82	82.91
33.75- 34.25	54	609	6.84	77.09
33.25- 33.75	81	555	10.25	70.25
32.75- 33.25	66	474	8.35	60.00
32.25- 32.75	91	408	11.52	51.65
31.75- 32.25	41	317	5.19	40.13
31.25- 31.75	79	276	10.00	34.94
30.75- 31.25	55	197	6.96	24.94
30.25- 30.75	50	142	6.33	17.97
29.75- 30.25	23	92	2.91	11.65
29.25- 29.75	27	69	3.42	8.73
28.75- 29.25	15	42	1.90	5.32
28.25- 28.75	15	27	1.90	3.42
27.75- 28.25	5	12	0.63	1.52
27.25- 27.75	4	7	0.51	0.89
26.75- 27.25	1	3	0.13	0.38
26.25- 26.75	2	2	0.25	0.25



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
32.71	MEAN VALUE	12.88
0.08	SE(MEAN)	0.03
2.17	SD DEVIATION	0.85
0.05	SE(SD DEV)	0.02

SYMMETRY---	VETA I	=	0.09
KURTOSIS---	VETA II	=	2.98
COEF. OF VARIATION	=		6.63

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
37.87	99TH	14.91
37.25	98TH	14.66
36.85	97TH	14.51
36.32	95TH	14.30
35.51	90TH	13.98
34.97	85TH	13.77
34.54	80TH	13.60
34.17	75TH	13.45
33.84	70TH	13.32
33.53	65TH	13.20
33.24	60TH	13.09
32.96	55TH	12.98
32.69	50TH	12.87
32.41	45TH	12.76
32.14	40TH	12.65
31.85	35TH	12.54
31.55	30TH	12.42
31.23	25TH	12.30
30.87	20TH	12.15
30.46	15TH	11.99
29.94	10TH	11.79
29.19	5TH	11.49
28.71	3RD	11.30
28.36	2RD	11.16
27.82	1ST	10.95

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 FUNCTIONAL ARM REACH-FORWARD

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
75.42	MEAN VALUE	29.69
0.14	SE (MEAN)	0.05
3.82	SD DEVIATION	1.50
0.10	SE (SD DEV)	0.04

SYMMETRY---VETA I = 0.04
 KURTOSIS---VETA II = 3.01
 COEF. OF VARIATION = 5.07

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
84.12	99TH	33.12
83.32	98TH	32.81
82.75	97TH	32.58
81.90	95TH	32.24
80.49	90TH	31.69
79.50	85TH	31.30
78.71	80TH	30.99
78.02	75TH	30.72
77.41	70TH	30.48
76.85	65TH	30.26
76.33	60TH	30.05
75.83	55TH	29.85
75.33	50TH	29.66
74.85	45TH	29.47
74.37	40TH	29.28
73.88	35TH	29.08
73.37	30TH	28.88
72.82	25TH	28.67
72.22	20TH	28.43
71.53	15TH	28.16
70.67	10TH	27.82
69.37	5TH	27.31
68.50	3RD	26.97
67.83	2RD	26.71
66.71	1ST	26.26



RANGES*	F	CUMF	FPCT	CUMPCT
85.25- 86.25	4	790	0.51	100.00
84.25- 85.25	3	786	0.38	99.49
83.25- 84.25	8	783	1.01	99.11
82.25- 83.25	18	775	2.28	98.10
81.25- 82.25	25	757	3.16	95.82
80.25- 81.25	37	732	4.68	92.66
79.25- 80.25	32	695	4.05	87.97
78.25- 79.25	51	663	6.46	83.92
77.25- 78.25	64	612	8.10	77.47
76.25- 77.25	78	548	9.87	69.37
75.25- 76.25	72	470	9.11	59.49
74.25- 75.25	99	398	12.53	50.38
73.25- 74.25	87	299	11.01	37.85
72.25- 73.25	57	212	7.22	26.84
71.25- 72.25	45	155	5.70	19.62
70.25- 71.25	41	110	5.19	13.92
69.25- 70.25	31	69	3.92	8.73
68.25- 69.25	19	38	2.41	4.81
67.25- 68.25	9	19	1.14	2.41
66.25- 67.25	4	10	0.51	1.27
65.25- 66.25	3	6	0.38	0.76
64.25- 65.25	0	3	0.00	0.38
63.25- 64.25	2	3	0.25	0.38
62.25- 63.25	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

..... COAT LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPT
78.75- 79.25	1	790	0.13	100.00
78.25- 78.75	0	789	0.00	99.87
77.75- 78.25	1	789	0.13	99.87
77.25- 77.75	1	788	0.13	99.75
76.75- 77.25	1	787	0.13	99.62
76.25- 76.75	5	786	0.63	99.49
75.75- 76.25	5	781	0.63	98.86
75.25- 75.75	9	776	1.14	98.23
74.75- 75.25	4	767	0.51	97.09
74.25- 74.75	11	763	1.39	96.58
73.75- 74.25	6	752	0.76	95.19
73.25- 73.75	10	746	1.27	94.43
72.75- 73.25	18	736	2.28	93.16
72.25- 72.75	21	718	2.66	90.89
71.75- 72.25	22	697	2.78	88.23
71.25- 71.75	32	675	4.05	85.44
70.75- 71.25	44	643	5.57	81.39
70.25- 70.75	34	599	4.30	75.82
69.75- 70.25	33	565	4.18	71.52
69.25- 69.75	48	532	6.08	67.34
68.75- 69.25	48	484	6.08	61.27
68.25- 68.75	52	436	6.58	55.19
67.75- 68.25	57	384	7.22	48.61
67.25- 67.75	41	327	5.19	41.39
66.75- 67.25	52	286	6.58	36.20
66.25- 66.75	42	234	5.32	29.62
65.75- 66.25	36	192	4.56	24.30
65.25- 65.75	27	156	3.42	19.75
64.75- 65.25	25	129	3.16	16.33
64.25- 64.75	31	104	3.92	13.16
63.75- 64.25	16	73	2.03	9.24
63.25- 63.75	16	57	2.03	7.22
62.75- 63.25	13	41	1.65	5.19
62.25- 62.75	11	28	1.39	3.54
61.75- 62.25	4	17	0.51	2.15
61.25- 61.75	4	13	0.51	1.65
60.75- 61.25	2	9	0.25	1.14
60.25- 60.75	2	7	0.25	0.89
59.75- 60.25	2	5	0.25	0.63
59.25- 59.75	1	3	0.13	0.38
58.75- 59.25	1	2	0.13	0.25
58.25- 58.75	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
68.44	MEAN VALUE	26.94
0.12	SE(MEAN)	0.05
3.25	SD DEVIATION	1.28
0.08	SE(SD DEV)	0.03

SYMMETRY---	VETA I =	0.12
KURTOSIS---	VETA II =	3.10
COEF. OF VARIATION	=	4.75

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
76.52	99TH	30.13
75.56	98TH	29.75
74.93	97TH	29.50
74.07	95TH	29.16
72.74	90TH	28.64
71.86	85TH	28.29
71.17	80TH	28.02
70.59	75TH	27.79
70.07	70TH	27.59
69.60	65TH	27.40
69.17	60TH	27.23
68.75	55TH	27.07
68.34	50TH	26.91
67.94	45TH	26.75
67.54	40TH	26.59
67.13	35TH	26.43
66.70	30TH	26.26
66.25	25TH	26.08
65.74	20TH	25.88
65.16	15TH	25.65
64.42	10TH	25.36
63.30	5TH	24.92
62.55	3RD	24.62
61.97	2RD	24.40
61.01	1ST	24.02

II-79.

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

***** HIP BREADTH-STANDING

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS

INCHES

32.48 MEAN VALUE 12.79
0.06 SE(MEAN) 0.02
1.72 SD DEVIATION 0.68
0.04 SE(SD DEV) 0.02

SYMMETRY---VETA I = 0.57
KURTOSIS---VETA II = 4.06
CQEF. OF VARIATION = 5.31

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS

INCHES

36.80 99TH 14.49
36.36 98TH 14.32
36.04 97TH 14.19
35.58 95TH 14.01
34.81 90TH 13.71
34.29 85TH 13.50
33.88 80TH 13.34
33.54 75TH 13.20
33.24 70TH 13.09
32.98 65TH 12.98
32.73 60TH 12.89
32.51 55TH 12.80
32.29 50TH 12.71
32.08 45TH 12.63
31.88 40TH 12.55
31.68 35TH 12.47
31.48 30TH 12.39
31.27 25TH 12.31
31.05 20TH 12.22
30.79 15TH 12.12
30.47 10TH 12.00
29.98 5TH 11.80
29.62 3RD 11.66
29.32 2RD 11.54
28.78 1ST 11.33



RANGES*	F	CUMF	FPCT	CUMPT
41.75- 42.25	1	790	0.13	100.00
41.25- 41.75	0	789	0.00	99.87
40.75- 41.25	0	789	0.00	99.87
40.25- 40.75	0	789	0.00	99.87
39.75- 40.25	0	789	0.00	99.87
39.25- 39.75	0	789	0.00	99.87
38.75- 39.25	1	789	0.13	99.87
38.25- 38.75	0	788	0.00	99.75
37.75- 38.25	0	788	0.00	99.75
37.25- 37.75	1	788	0.13	99.75
36.75- 37.25	5	787	0.63	99.62
36.25- 36.75	10	782	1.27	98.99
35.75- 36.25	18	772	2.28	97.72
35.25- 35.75	21	754	2.66	95.44
34.75- 35.25	23	733	2.91	92.78
34.25- 34.75	41	710	5.19	89.87
33.75- 34.25	46	669	5.82	84.68
33.25- 33.75	68	623	8.61	78.86
32.75- 33.25	70	555	8.86	70.25
32.25- 32.75	102	485	12.91	61.39
31.75- 32.25	91	383	11.52	48.48
31.25- 31.75	112	292	14.18	36.96
30.75- 31.25	69	180	8.73	22.78
30.25- 30.75	56	111	7.09	14.05
29.75- 30.25	24	55	3.04	6.96
29.25- 29.75	18	31	2.28	3.92
28.75- 29.25	6	13	0.76	1.65
28.25- 28.75	5	7	0.63	0.89
27.75- 28.25	2	2	0.25	0.25

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

***** CHEST BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPT
39.25- 39.75	1	790	0.13	100.00
38.75- 39.25	0	789	0.00	99.87
38.25- 38.75	1	789	0.13	99.87
37.75- 38.25	0	788	0.00	99.75
37.25- 37.75	0	788	0.00	99.75
36.75- 37.25	0	788	0.00	99.75
36.25- 36.75	2	788	0.25	99.75
35.75- 36.25	2	786	0.25	99.49
35.25- 35.75	3	784	0.38	99.24
34.75- 35.25	5	781	0.63	98.86
34.25- 34.75	10	776	1.27	98.23
33.75- 34.25	5	766	0.63	96.96
33.25- 33.75	13	761	1.65	96.33
32.75- 33.25	13	748	1.65	94.68
32.25- 32.75	24	735	3.04	93.04
31.75- 32.25	21	711	2.66	90.00
31.25- 31.75	49	690	6.20	87.34
30.75- 31.25	50	641	6.33	81.14
30.25- 30.75	59	591	7.47	74.81
29.75- 30.25	57	532	7.22	67.34
29.25- 29.75	77	475	9.75	60.13
28.75- 29.25	85	398	10.76	50.38
28.25- 28.75	91	313	11.52	39.62
27.75- 28.25	67	222	8.48	28.10
27.25- 27.75	59	155	7.47	19.62
26.75- 27.25	33	96	4.18	12.15
26.25- 26.75	34	63	4.30	7.97
25.75- 26.25	15	29	1.90	3.67
25.25- 25.75	9	14	1.14	1.77
24.75- 25.25	2	5	0.25	0.63
24.25- 24.75	2	3	0.25	0.38
23.75- 24.25	1	1	0.13	0.13



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
29.50	MEAN VALUE	11.61
0.07	SE(MEAN)	0.03
2.10	SD DEVIATION	0.83
0.05	SE(SD DEV)	0.02

SYMMETRY---	VETA I	=	0.71
KURTOSIS---	VETA II	=	4.10
COEF. OF VARIATION		=	7.13

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
35.52	99TH	13.99
34.63	98TH	13.63
34.08	97TH	13.42
33.36	95TH	13.14
32.32	90TH	12.72
31.65	85TH	12.46
31.16	80TH	12.27
30.74	75TH	12.10
30.39	70TH	11.96
30.08	65TH	11.84
29.79	60TH	11.73
29.52	55TH	11.62
29.26	50TH	11.52
29.01	45TH	11.42
28.77	40TH	11.33
28.52	35TH	11.23
28.28	30TH	11.13
28.02	25TH	11.03
27.73	20TH	10.92
27.42	15TH	10.79
27.03	10TH	10.64
26.47	5TH	10.42
26.10	3RD	10.28
25.82	2RD	10.17
25.37	1ST	9.99

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

..... CHEST DEPTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
30.75- 31.05	1	790	0.13	100.00
30.45- 30.75	1	789	0.13	99.87
30.15- 30.45	0	788	0.00	99.75
29.85- 30.15	0	788	0.00	99.75
29.55- 29.85	0	788	0.00	99.75
29.25- 29.55	0	788	0.00	99.75
28.95- 29.25	1	788	0.13	99.75
28.65- 28.95	2	787	0.25	99.62
28.35- 28.65	2	785	0.25	99.37
28.05- 28.35	0	783	0.00	99.11
27.75- 28.05	1	783	0.13	99.11
27.45- 27.75	5	782	0.63	98.99
27.15- 27.45	3	777	0.38	98.35
26.85- 27.15	7	774	0.89	97.97
26.55- 26.85	7	767	0.89	97.09
26.25- 26.55	5	760	0.63	96.20
25.95- 26.25	8	755	1.01	95.57
25.65- 25.95	4	747	0.51	94.56
25.35- 25.65	18	743	2.28	94.05
25.05- 25.35	5	725	0.63	91.77
24.75- 25.05	22	720	2.78	91.14
24.45- 24.75	25	698	3.16	88.35
24.15- 24.45	25	673	3.16	85.19
23.85- 24.15	27	648	3.42	82.03
23.55- 23.85	26	621	3.29	78.61
23.25- 23.55	44	595	5.57	75.32
22.95- 23.25	40	551	5.06	69.75
22.65- 22.95	40	511	5.06	64.68
22.35- 22.65	49	471	6.20	59.62
22.05- 22.35	38	422	4.81	53.42
21.75- 22.05	44	384	5.57	48.61
21.45- 21.75	52	340	6.58	43.04
21.15- 21.45	56	288	7.09	36.46
20.85- 21.15	47	232	5.95	29.37
20.55- 20.85	38	185	4.81	23.42
20.25- 20.55	52	147	6.58	18.61
19.95- 20.25	38	95	4.81	12.03
19.65- 19.95	19	57	2.41	7.22
19.35- 19.65	20	38	2.53	4.81
19.05- 19.35	7	18	0.89	2.28
18.75- 19.05	6	11	0.76	1.39
18.45- 18.75	3	5	0.38	0.63
18.15- 18.45	1	2	0.13	0.25
17.85- 18.15	0	1	0.00	0.13
17.55- 17.85	0	1	0.00	0.13
17.25- 17.55	1	1	0.13	0.13

*IN CENTIMETERS

II-82.

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
22.38	MEAN VALUE	8.81
0.07	SE (MEAN)	0.03
1.98	SD DEVIATION	0.78
0.05	SE (SD DEV)	0.02

SYMMETRY---	VETA I =	0.76
KURTOSIS---	VETA II =	3.79
COEF. OF VARIATION	=	8.83

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
27.84	99TH	10.96
27.14	98TH	10.69
26.69	97TH	10.51
26.06	95TH	10.26
25.10	90TH	9.88
24.46	85TH	9.63
23.98	80TH	9.44
23.57	75TH	9.28
23.23	70TH	9.14
22.91	65TH	9.02
22.63	60TH	8.91
22.36	55TH	8.80
22.11	50TH	8.71
21.87	45TH	8.61
21.63	40TH	8.52
21.40	35TH	8.43
21.17	30TH	8.34
20.94	25TH	8.24
20.69	20TH	8.14
20.42	15TH	8.04
20.10	10TH	7.91
19.68	5TH	7.75
19.42	3RD	7.64
19.23	2RD	7.57
18.92	1ST	7.45



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

..... HAND LENGTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
18.68	MEAN VALUE	7.36
0.03	SE(MEAN)	0.01
0.82	SD DEVIATION	0.32
0.02	SE(SD DEV)	0.01

SYMMETRY---	VETA I =	0.21
KURTOSIS---	VETA II =	2.92
COEF. OF VARIATION	=	4.41

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
20.72	99TH	8.16
20.47	98TH	8.06
20.31	97TH	8.00
20.09	95TH	7.91
19.76	90TH	7.78
19.55	85TH	7.70
19.37	80TH	7.63
19.23	75TH	7.57
19.10	70TH	7.52
18.98	65TH	7.47
18.87	60TH	7.43
18.76	55TH	7.39
18.66	50TH	7.34
18.55	45TH	7.30
18.45	40TH	7.26
18.34	35TH	7.22
18.23	30TH	7.18
18.11	25TH	7.13
17.98	20TH	7.08
17.83	15TH	7.02
17.64	10TH	6.95
17.38	5TH	6.84
17.21	3RD	6.78
17.09	2RD	6.73
16.91	1ST	6.66



RANGES*	F	CUMF	FPCT	CUMPT
21.35- 21.55	1	790	0.13	100.00
21.15- 21.35	1	789	0.13	99.87
20.95- 21.15	3	788	0.38	99.75
20.75- 20.95	2	785	0.25	99.37
20.55- 20.75	7	783	0.89	99.11
20.35- 20.55	6	776	0.76	98.23
20.15- 20.35	12	770	1.52	97.47
19.95- 20.15	21	758	2.66	95.95
19.75- 19.95	31	737	3.92	93.29
19.55- 19.75	32	706	4.05	89.37
19.35- 19.55	39	674	4.94	85.32
19.15- 19.35	73	635	9.24	80.38
18.95- 19.15	62	562	7.85	71.14
18.75- 18.95	75	500	9.49	63.29
18.55- 18.75	67	425	8.48	53.80
18.35- 18.55	76	358	9.62	45.32
18.15- 18.35	73	282	9.24	35.70
17.95- 18.15	56	209	7.09	26.46
17.75- 17.95	48	153	6.08	19.37
17.55- 17.75	45	105	5.70	13.29
17.35- 17.55	26	60	3.29	7.59
17.15- 17.35	17	34	2.15	4.30
16.95- 17.15	7	17	0.89	2.15
16.75- 16.95	6	10	0.76	1.27
16.55- 16.75	3	4	0.38	0.51
16.35- 16.55	0	1	0.00	0.13
16.15- 16.35	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

PALM LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPC
12.25- 12.35	1	790	0.13	100.00
12.15- 12.25	0	789	0.00	99.87
12.05- 12.15	2	789	0.25	99.87
11.95- 12.05	3	787	0.38	99.62
11.85- 11.95	1	784	0.13	99.24
11.75- 11.85	2	783	0.25	99.11
11.65- 11.75	8	781	1.01	98.86
11.55- 11.65	2	773	0.25	97.85
11.45- 11.55	5	771	0.63	97.59
11.35- 11.45	16	766	2.03	96.96
11.25- 11.35	14	750	1.77	94.94
11.15- 11.25	20	736	2.53	93.16
11.05- 11.15	25	716	3.16	90.63
10.95- 11.05	43	691	5.44	87.47
10.85- 10.95	55	648	6.96	82.03
10.75- 10.85	22	593	2.78	75.06
10.65- 10.75	49	571	6.20	72.28
10.55- 10.65	69	522	8.73	66.08
10.45- 10.55	50	453	6.33	57.34
10.35- 10.45	67	403	8.48	51.01
10.25- 10.35	67	336	8.48	42.53
10.15- 10.25	54	269	6.84	34.05
10.05- 10.15	45	215	5.70	27.22
9.95- 10.05	72	170	9.11	21.52
9.85- 9.95	19	98	2.41	12.41
9.75- 9.85	26	79	3.29	10.00
9.65- 9.75	17	53	2.15	6.71
9.55- 9.65	16	36	2.03	4.56
9.45- 9.55	9	20	1.14	2.53
9.35- 9.45	3	11	0.38	1.39
9.25- 9.35	1	8	0.13	1.01
9.15- 9.25	5	7	0.63	0.89
9.05- 9.15	0	2	0.00	0.25
8.95- 9.05	1	2	0.13	0.25
8.85- 8.95	0	1	0.00	0.13
8.75- 8.85	1	1	0.13	0.13



CENTIMETERS		INCHES
10.48	MEAN VALUE	4.12
0.02	SE(MEAN)	0.01
0.51	SD DEVIATION	0.20
0.01	SE(SD DEV)	0.01

SYMMETRY---VETA I = 0.26
KURTOSIS---VETA II = 3.26
COEF. OF VARIATION = 4.90

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
11.80	99TH	4.65
11.62	98TH	4.58
11.51	97TH	4.53
11.36	95TH	4.47
11.14	90TH	4.39
11.00	85TH	4.33
10.89	80TH	4.29
10.80	75TH	4.25
10.72	70TH	4.22
10.65	65TH	4.19
10.58	60TH	4.16
10.51	55TH	4.14
10.45	50TH	4.11
10.39	45TH	4.09
10.33	40TH	4.07
10.26	35TH	4.04
10.20	30TH	4.01
10.12	25TH	3.99
10.05	20TH	3.96
9.96	15TH	3.92
9.84	10TH	3.88
9.68	5TH	3.81
9.57	3RD	3.77
9.49	2RD	3.73
9.35	1ST	3.68

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
HAND BREADTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

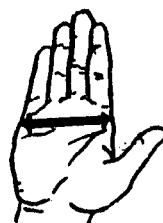
CENTIMETERS		INCHES
8.61	MEAN VALUE	3.39
0.01	SE(MEAN)	0.01
0.39	SD DEVIATION	0.15
0.01	SE(SD DEV)	0.00

SYMMETRY---	VETA I =	0.21
KURTOSIS---	VETA II =	3.09
COEF. OF VARIATION	=	4.56

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
9.53	99TH	3.75
9.45	98TH	3.72
9.39	97TH	3.70
9.30	95TH	3.66
9.14	90TH	3.60
9.04	85TH	3.56
8.95	80TH	3.52
8.88	75TH	3.49
8.81	70TH	3.47
8.75	65TH	3.44
8.69	60TH	3.42
8.64	55TH	3.40
8.59	50TH	3.38
8.54	45TH	3.36
8.49	40TH	3.34
8.44	35TH	3.32
8.39	30TH	3.30
8.34	25TH	3.28
8.28	20TH	3.26
8.22	15TH	3.23
8.14	10TH	3.20
8.02	5TH	3.16
7.93	3RD	3.12
7.87	2RD	3.10
7.76	1ST	3.06



RANGES*	F	CUMF	FPCT	CUMPT
10.05- 10.15	1	790	0.13	100.00
9.95- 10.05	0	789	0.00	99.87
9.85- 9.95	1	789	0.13	99.87
9.75- 9.85	1	788	0.13	99.75
9.65- 9.75	3	787	0.38	99.62
9.55- 9.65	1	784	0.13	99.24
9.45- 9.55	7	783	0.89	99.11
9.35- 9.45	17	776	2.15	98.23
9.25- 9.35	13	759	1.65	96.08
9.15- 9.25	19	746	2.41	94.43
9.05- 9.15	35	727	4.43	92.03
8.95- 9.05	74	692	9.37	87.59
8.85- 8.95	68	618	8.61	78.23
8.75- 8.85	40	550	5.06	69.62
8.65- 8.75	64	510	8.10	64.56
8.55- 8.65	74	446	9.37	56.46
8.45- 8.55	74	372	9.37	47.09
8.35- 8.45	90	298	11.39	37.72
8.25- 8.35	73	208	9.24	26.33
8.15- 8.25	51	135	6.46	17.09
8.05- 8.15	40	84	5.06	10.63
7.95- 8.05	19	44	2.41	5.57
7.85- 7.95	14	25	1.77	3.16
7.75- 7.85	3	11	0.38	1.39
7.65- 7.75	2	8	0.25	1.01
7.55- 7.65	3	6	0.38	0.76
7.45- 7.55	2	3	0.25	0.38
7.35- 7.45	0	1	0.00	0.13
7.25- 7.35	1	1	0.13	0.13

*IN CENTIMETERS

II-85

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

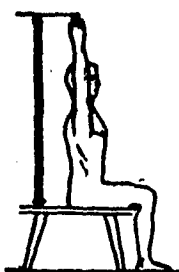
ARM REACH-UPWARD

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
136.33	MEAN VALUE	53.67
0.17	SE (MEAN)	0.07
4.88	SD DEVIATION	1.92
0.12	SE (SD DEV)	0.05

RANGES*	F	CUMF	FPCT	CUMPT
150.25-151.25	2	790	0.25	100.00
149.25-150.25	1	788	0.13	99.75
148.25-149.25	1	787	0.13	99.62
147.25-148.25	8	786	1.01	99.49
146.25-147.25	5	778	0.63	98.48
145.25-146.25	13	773	1.65	97.85
144.25-145.25	16	760	2.03	96.20
143.25-144.25	18	744	2.28	94.18
142.25-143.25	30	726	3.80	91.90
141.25-142.25	35	696	4.43	88.10
140.25-141.25	37	661	4.68	83.67
139.25-140.25	43	624	5.44	78.99
138.25-139.25	46	581	5.82	73.54
137.25-138.25	78	535	9.87	67.72
136.25-137.25	68	457	8.61	57.85
135.25-136.25	57	389	7.22	49.24
134.25-135.25	68	332	8.61	42.03
133.25-134.25	61	264	7.72	33.42
132.25-133.25	50	203	6.33	25.70
131.25-132.25	40	153	5.06	19.37
130.25-131.25	30	113	3.80	14.30
129.25-130.25	29	83	3.67	10.51
128.25-129.25	14	54	1.77	6.84
127.25-128.25	17	40	2.15	5.06
126.25-127.25	7	23	0.89	2.91
125.25-126.25	7	16	0.89	2.03
124.25-125.25	2	9	0.25	1.14
123.25-124.25	4	7	0.51	0.89
122.25-123.25	1	3	0.13	0.38
121.25-122.25	1	2	0.13	0.25
120.25-121.25	1	1	0.13	0.13



 SYMMETRY---VETA I = 0.01
 KURTOSIS---VETA II = 3.03
 COEF. OF VARIATION = 3.58

 NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
147.78	99TH	58.18
146.55	98TH	57.70
145.72	97TH	57.37
144.56	95TH	56.91
142.71	90TH	56.18
141.45	85TH	55.69
140.45	80TH	55.30
139.59	75TH	54.96
138.84	70TH	54.66
138.14	65TH	54.39
137.49	60TH	54.13
136.86	55TH	53.88
136.25	50TH	53.64
135.64	45TH	53.40
135.03	40TH	53.16
134.41	35TH	52.92
133.76	30TH	52.66
133.05	25TH	52.38
132.27	20TH	52.07
131.36	15TH	51.72
130.20	10TH	51.26
128.41	5TH	50.56
127.19	3RD	50.08
126.25	2RD	49.70
124.66	1ST	49.08

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SITTING HEIGHT

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS

INCHES

89.11 MEAN VALUE 35.08
0.11 SE(MEAN) 0.04
3.08 SD DEVIATION 1.21
0.08 SE(SD DEV) 0.03

SYMMETRY---VETA I = 0.02
KURTOSIS---VETA II = 2.96
COEF. OF VARIATION = 3.45

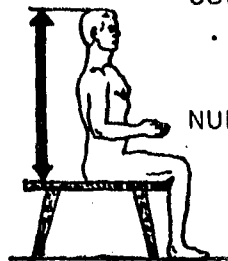
NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS

INCHES

96.83	99TH	38.12
95.69	98TH	37.67
95.03	97TH	37.41
94.19	95TH	37.08
93.00	90TH	36.61
92.24	85TH	36.31
91.65	80TH	36.08
91.15	75TH	35.89
90.70	70TH	35.71
90.29	65TH	35.55
89.89	60TH	35.39
89.50	55TH	35.24
89.12	50TH	35.09
88.73	45TH	34.93
88.33	40TH	34.78
87.92	35TH	34.61
87.48	30TH	34.44
87.00	25TH	34.25
86.45	20TH	34.04
85.83	15TH	33.79
85.03	10TH	33.48
83.89	5TH	33.03
83.18	3RD	32.75
82.70	2RD	32.56
82.00	1ST	32.28



RANGES*	F	CUMF	FPCT	CUMPT
98.25- 99.25	1	790	0.13	100.00
97.25- 98.25	2	789	0.25	99.87
96.25- 97.25	10	787	1.27	99.62
95.25- 96.25	7	777	0.89	98.35
94.25- 95.25	16	770	2.03	97.47
93.25- 94.25	28	754	3.54	95.44
92.25- 93.25	47	726	5.95	91.90
91.25- 92.25	82	679	10.38	85.95
90.25- 91.25	88	597	11.14	75.57
89.25- 90.25	103	509	13.04	64.43
88.25- 89.25	104	406	13.16	51.39
87.25- 88.25	77	302	9.75	38.23
86.25- 87.25	76	225	9.62	28.48
85.25- 86.25	68	149	8.61	18.86
84.25- 85.25	32	81	4.05	10.25
83.25- 84.25	25	49	3.16	6.20
82.25- 83.25	14	24	1.77	3.04
81.25- 82.25	8	10	1.01	1.27
80.25- 81.25	1	2	0.13	0.25
79.25- 80.25	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

..... EYE HEIGHT-SITTING

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

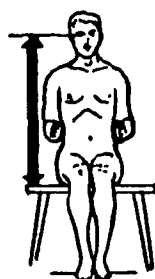
CENTIMETERS		INCHES
77.83	MEAN VALUE	30.64
0.11	SE (MEAN)	0.04
3.17	SD DEVIATION	1.25
0.08	SE (SD DEV)	0.03

SYMMETRY---VETA I = -0.03
KURTOSIS---VETA II = 2.91
COEF. OF VARIATION = 4.08

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
85.42	99TH	33.63
84.41	98TH	33.23
83.81	97TH	33.00
83.03	95TH	32.69
81.88	90TH	32.24
81.13	85TH	31.94
80.53	80TH	31.71
80.02	75TH	31.50
79.55	70TH	31.32
79.12	65TH	31.15
78.70	60TH	30.99
78.30	55TH	30.83
77.89	50TH	30.67
77.49	45TH	30.51
77.07	40TH	30.34
76.63	35TH	30.17
76.17	30TH	29.99
75.67	25TH	29.79
75.10	20TH	29.57
74.45	15TH	29.31
73.64	10TH	28.99
72.48	5TH	28.54
71.78	3RD	28.26
71.31	2RD	28.07
70.64	1ST	27.81



RANGES*	F	CUMF	FPCT	CUMPCT
87.25- 88.25	1	790	0.13	100.00
86.25- 87.25	1	789	0.13	99.87
85.25- 86.25	7	788	0.89	99.75
84.25- 85.25	8	781	1.01	98.86
83.25- 84.25	17	773	2.15	97.85
82.25- 83.25	29	756	3.67	95.70
81.25- 82.25	39	727	4.94	92.03
80.25- 81.25	78	688	9.87	87.09
79.25- 80.25	92	610	11.65	77.22
78.25- 79.25	82	518	10.38	65.57
77.25- 78.25	99	436	12.53	55.19
76.25- 77.25	95	337	12.03	42.66
75.25- 76.25	81	242	10.25	30.63
74.25- 75.25	58	161	7.34	20.38
73.25- 74.25	35	103	4.43	13.04
72.25- 73.25	35	68	4.43	8.61
71.25- 72.25	19	33	2.41	4.18
70.25- 71.25	10	14	1.27	1.77
69.25- 70.25	2	4	0.25	0.51
68.25- 69.25	1	2	0.13	0.25
67.25- 68.25	0	1	0.00	0.13
66.25- 67.25	1	1	0.13	0.13

*IN CENTIMETERS

II-88

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

MID-SHOULDER HEIGHT-SITTING

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS INCHES

61.74 MEAN VALUE 24.31
0.09 SE(MEAN) 0.04
2.62 SD DEVIATION 1.03
0.07 SE(SD DEV) 0.03

SYMMETRY---VETA I = 0.11
KURTOSIS---VETA II = 2.98
COEF. OF VARIATION = 4.24

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS INCHES

68.04	99TH	26.79
67.25	98TH	26.48
66.76	97TH	26.28
66.10	95TH	26.02
65.11	90TH	25.63
64.45	85TH	25.37
63.93	80TH	25.17
63.48	75TH	24.99
63.09	70TH	24.84
62.72	65TH	24.69
62.37	60TH	24.56
62.04	55TH	24.42
61.71	50TH	24.29
61.38	45TH	24.16
61.04	40TH	24.03
60.70	35TH	23.90
60.34	30TH	23.75
59.94	25TH	23.60
59.51	20TH	23.43
59.01	15TH	23.23
58.38	10TH	22.98
57.46	5TH	22.62
56.89	3RD	22.40
56.47	2RD	22.23
55.84	1ST	21.98



RANGES*	F	CUMF	FPCT	CUMFCT
70.75- 71.25	1	790	0.13	100.00
70.25- 70.75	0	789	0.00	99.87
69.75- 70.25	1	789	0.13	99.87
69.25- 69.75	1	788	0.13	99.75
68.75- 69.25	1	787	0.13	99.62
68.25- 68.75	1	786	0.13	99.49
67.75- 68.25	6	785	0.76	99.37
67.25- 67.75	5	779	0.63	98.61
66.75- 67.25	10	774	1.27	97.97
66.25- 66.75	9	764	1.14	96.71
65.75- 66.25	14	755	1.77	95.57
65.25- 65.75	17	741	2.15	93.80
64.75- 65.25	21	724	2.66	91.65
64.25- 64.75	43	703	5.44	88.99
63.75- 64.25	41	660	5.19	83.54
63.25- 63.75	45	619	5.70	78.35
62.75- 63.25	67	574	8.48	72.66
62.25- 62.75	67	507	8.48	64.18
61.75- 62.25	57	440	7.22	55.70
61.25- 61.75	37	383	4.68	48.48
60.75- 61.25	52	346	6.58	43.80
60.25- 60.75	57	294	7.22	37.22
59.75- 60.25	49	237	6.20	30.00
59.25- 59.75	49	188	6.20	23.80
58.75- 59.25	36	139	4.56	17.59
58.25- 58.75	37	103	4.68	13.04
57.75- 58.25	22	66	2.78	8.35
57.25- 57.75	10	44	1.27	5.57
56.75- 57.25	15	34	1.90	4.30
56.25- 56.75	10	19	1.27	2.41
55.75- 56.25	1	9	0.13	1.14
55.25- 55.75	3	8	0.38	1.01
54.75- 55.25	4	5	0.51	0.63
54.25- 54.75	0	1	0.00	0.13
53.75- 54.25	1	1	0.13	0.13

*IN CENTIMETERS

II-89

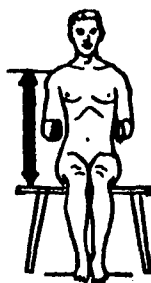
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 SHOULDER (ACROMION) HEIGHT SITTING

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES*	F	CUMF	FPCT	CUMFCT
68.75- 69.25	1	790	0.13	100.00
68.25- 68.75	1	789	0.13	99.87
67.75- 68.25	0	788	0.00	99.75
67.25- 67.75	0	788	0.00	99.75
66.75- 67.25	1	788	0.13	99.75
66.25- 66.75	2	787	0.25	99.62
65.75- 66.25	1	785	0.13	99.37
65.25- 65.75	3	784	0.38	99.24
64.75- 65.25	7	781	0.89	98.86
64.25- 64.75	8	774	1.01	97.97
63.75- 64.25	7	766	0.89	96.96
63.25- 63.75	12	759	1.52	96.08
62.75- 63.25	20	747	2.53	94.56
62.25- 62.75	26	727	3.29	92.03
61.75- 62.25	40	701	5.06	88.73
61.25- 61.75	32	661	4.05	83.67
60.75- 61.25	45	629	5.70	79.62
60.25- 60.75	55	584	6.96	73.92
59.75- 60.25	61	529	7.72	66.96
59.25- 59.75	56	468	7.09	59.24
58.75- 59.25	58	412	7.34	52.15
58.25- 58.75	49	354	6.20	44.81
57.75- 58.25	45	305	5.70	38.61
57.25- 57.75	54	260	6.84	32.91
56.75- 57.25	41	206	5.19	26.08
56.25- 56.75	43	165	5.44	20.89
55.75- 56.25	34	122	4.30	15.44
55.25- 55.75	35	88	4.43	11.14
54.75- 55.25	13	53	1.65	6.71
54.25- 54.75	12	40	1.52	5.06
53.75- 54.25	12	28	1.52	3.54
53.25- 53.75	4	16	0.51	2.03
52.75- 53.25	8	12	1.01	1.52
52.25- 52.75	1	4	0.13	0.51
51.75- 52.25	2	3	0.25	0.38
51.25- 51.75	0	1	0.00	0.13
50.75- 51.25	1	1	0.13	0.13



CENTIMETERS	INCHES
59.05	MEAN VALUE 23.25
0.10	SE(MEAN) 0.04
2.69	SD DEVIATION 1.06
0.07	SE(SD DEV) 0.03

SYMMETRY---VETA I = 0.11
 KURTOSIS---VETA II = 3.04
 COEF. OF VARIATION = 4.56

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS	INCHES
65.48	99TH 25.78
64.68	98TH 25.46
64.18	97TH 25.27
63.52	95TH 25.01
62.52	90TH 24.61
61.85	85TH 24.35
61.33	80TH 24.14
60.87	75TH 23.96
60.46	70TH 23.80
60.09	65TH 23.66
59.73	60TH 23.52
59.38	55TH 23.38
59.04	50TH 23.24
58.70	45TH 23.11
58.35	40TH 22.97
57.99	35TH 22.83
57.62	30TH 22.68
57.21	25TH 22.52
56.75	20TH 22.34
56.23	15TH 22.14
55.58	10TH 21.88
54.65	5TH 21.52
54.07	3RD 21.29
53.66	2RD 21.13
53.06	1ST 20.89

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

KNEE HEIGHT-SITTING

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS INCHES

51.99 MEAN VALUE 20.47
0.08 SE(MEAN) 0.03
2.17 SD DEVIATION 0.85
0.05 SE(SD DEV) 0.02

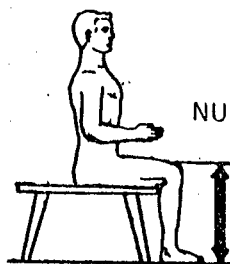
SYMMETRY---VETA I = 0.08
KURTOSIS---VETA II = 2.88
COEF. OF VARIATION = 4.17

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS INCHES

57.35	99TH	22.58
56.59	98TH	22.28
56.15	97TH	22.11
55.58	95TH	21.88
54.76	90TH	21.56
54.23	85TH	21.35
53.81	80TH	21.19
53.45	75TH	21.04
53.13	70TH	20.92
52.83	65TH	20.80
52.55	60TH	20.69
52.27	55TH	20.58
52.00	50TH	20.47
51.72	45TH	20.36
51.43	40TH	20.25
51.14	35TH	20.13
50.83	30TH	20.01
50.49	25TH	19.88
50.11	20TH	19.73
49.68	15TH	19.56
49.14	10TH	19.35
48.39	5TH	19.05
47.95	3RD	18.88
47.65	2RD	18.76
47.26	1ST	18.61



RANGES*	F	CUMF	FPCT	CUMPT
58.75- 59.25	1	790	0.13	100.00
58.25- 58.75	0	789	0.00	99.87
57.75- 58.25	3	789	0.38	99.87
57.25- 57.75	5	786	0.63	99.49
56.75- 57.25	4	781	0.51	98.86
56.25- 56.75	7	777	0.89	98.35
55.75- 56.25	14	770	1.77	97.47
55.25- 55.75	24	756	3.04	95.70
54.75- 55.25	29	732	3.67	92.66
54.25- 54.75	31	703	3.92	88.99
53.75- 54.25	38	672	4.81	85.06
53.25- 53.75	60	634	7.59	80.25
52.75- 53.25	68	574	8.61	72.66
52.25- 52.75	79	506	10.00	64.05
51.75- 52.25	62	427	7.85	54.05
51.25- 51.75	79	365	10.00	46.20
50.75- 51.25	56	286	7.09	36.20
50.25- 50.75	62	230	7.85	29.11
49.75- 50.25	50	168	6.33	21.27
49.25- 49.75	34	118	4.30	14.94
48.75- 49.25	30	84	3.80	10.63
48.25- 48.75	17	54	2.15	6.84
47.75- 48.25	18	37	2.28	4.68
47.25- 47.75	13	19	1.65	2.41
46.75- 47.25	4	6	0.51	0.76
46.25- 46.75	1	2	0.13	0.25
45.75- 46.25	0	1	0.00	0.13
45.25- 45.75	0	1	0.00	0.13
44.75- 45.25	1	1	0.13	0.13

*IN CENTIMETERS

II-91

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 POPLITEAL HEIGHT-SITTING

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

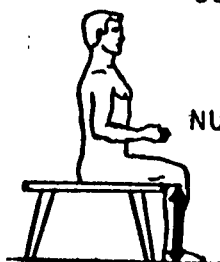
CENTIMETERS		INCHES
40.41	MEAN VALUE	15.91
0.07	SE (MEAN)	0.03
1.86	SD DEVIATION	0.73
0.05	SE (SD DEV)	0.02

SYMMETRY---VETA I = 0.11
 KURTOSIS---VETA II = 3.09
 COEF. OF VARIATION = 4.59

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
44.84	99TH	17.65
44.29	98TH	17.44
43.95	97TH	17.30
43.49	95TH	17.12
42.80	90TH	16.85
42.33	85TH	16.67
41.97	80TH	16.52
41.65	75TH	16.40
41.37	70TH	16.29
41.11	65TH	16.19
40.87	60TH	16.09
40.63	55TH	16.00
40.39	50TH	15.90
40.16	45TH	15.81
39.92	40TH	15.72
39.68	35TH	15.62
39.42	30TH	15.52
39.14	25TH	15.41
38.83	20TH	15.29
38.47	15TH	15.15
38.03	10TH	14.97
37.39	5TH	14.72
36.99	3RD	14.56
36.70	2RD	14.45
36.28	1ST	14.28



RANGES*	F	CUMF	FPCT	CUMPCT
46.75- 47.25	1	790	0.13	100.00
46.25- 46.75	1	789	0.13	99.87
45.75- 46.25	2	788	0.25	99.75
45.25- 45.75	1	786	0.13	99.49
44.75- 45.25	4	785	0.51	99.37
44.25- 44.75	5	781	0.63	98.86
43.75- 44.25	16	776	2.03	98.23
43.25- 43.75	24	760	3.04	96.20
42.75- 43.25	30	736	3.80	93.16
42.25- 42.75	39	706	4.94	89.37
41.75- 42.25	58	667	7.34	84.43
41.25- 41.75	72	609	9.11	77.09
40.75- 41.25	91	537	11.52	67.97
40.25- 40.75	73	446	9.24	56.46
39.75- 40.25	80	373	10.13	47.22
39.25- 39.75	80	293	10.13	37.09
38.75- 39.25	76	213	9.62	26.96
38.25- 38.75	35	137	4.43	17.34
37.75- 38.25	41	102	5.19	12.91
37.25- 37.75	28	61	3.54	7.72
36.75- 37.25	18	33	2.28	4.18
36.25- 36.75	7	15	0.89	1.90
35.75- 36.25	6	8	0.76	1.01
35.25- 35.75	1	2	0.13	0.25
34.75- 35.25	0	1	0.00	0.13
34.25- 34.75	0	1	0.00	0.13
33.75- 34.25	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

ARM REACH-FORWARD

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
85.42	MEAN VALUE	33.63
0.13	SE(MEAN)	0.05
3.54	SD DEVIATION	1.39
0.09	SE(SD DEV)	0.04

SYMMETRY---	VETA I =	0.08
KURTOSIS---	VETA II =	3.18
COEF. OF VARIATION	=	4.14

RANGES*	F	CUMF	FPCT	CUMPT
95.25- 96.25	4	790	0.51	100.00
94.25- 95.25	4	786	0.51	99.49
93.25- 94.25	7	782	0.89	98.99
92.25- 93.25	11	775	1.39	98.10
91.25- 92.25	17	764	2.15	96.71
90.25- 91.25	29	747	3.67	94.56
89.25- 90.25	33	718	4.18	90.89
88.25- 89.25	53	685	6.71	86.71
87.25- 88.25	70	632	8.86	80.00
86.25- 87.25	94	562	11.90	71.14
85.25- 86.25	78	468	9.87	59.24
84.25- 85.25	99	390	12.53	49.37
83.25- 84.25	79	291	10.00	36.84
82.25- 83.25	66	212	8.35	26.84
81.25- 82.25	60	146	7.59	18.48
80.25- 81.25	27	86	3.42	10.89
79.25- 80.25	36	59	4.56	7.47
78.25- 79.25	10	23	1.27	2.91
77.25- 78.25	4	13	0.51	1.65
76.25- 77.25	2	9	0.25	1.14
75.25- 76.25	3	7	0.38	0.89
74.25- 75.25	3	4	0.38	0.51
73.25- 74.25	1	1	0.13	0.13



NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
94.25	99TH	37.10
93.16	98TH	36.68
92.46	97TH	36.40
91.51	95TH	36.03
90.04	90TH	35.45
89.07	85TH	35.07
88.33	80TH	34.77
87.70	75TH	34.53
87.14	70TH	34.31
86.64	65TH	34.11
86.18	60TH	33.93
85.74	55TH	33.75
85.31	50TH	33.58
84.88	45TH	33.42
84.46	40TH	33.25
84.03	35TH	33.08
83.58	30TH	32.91
83.10	25TH	32.72
82.56	20TH	32.50
81.93	15TH	32.25
81.11	10TH	31.93
79.84	5TH	31.43
78.94	3RD	31.08
78.22	2RD	30.80
76.99	1ST	30.31

*IN CENTIMETERS

II-93

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 SHOULDER-ELBOW LENGTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

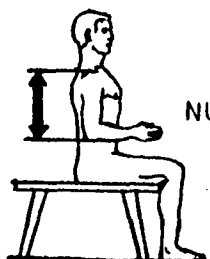
CENTIMETERS	INCHES
35.45 MEAN VALUE	13.96
0.06 SE(MEAN)	0.02
1.60 SD DEVIATION	0.63
0.04 SE(SD DEV)	0.02

SYMMETRY---VETA I = 0.22
 KURTOSIS---VETA II = 3.11
 COEF. OF VARIATION = 4.52

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS	INCHES
39.37 99TH	15.50
38.91 98TH	15.32
38.61 97TH	15.20
38.20 95TH	15.04
37.56 90TH	14.79
37.13 85TH	14.62
36.80 80TH	14.49
36.51 75TH	14.37
36.25 70TH	14.27
36.02 65TH	14.18
35.80 60TH	14.09
35.59 55TH	14.01
35.38 50TH	13.93
35.18 45TH	13.85
34.97 40TH	13.77
34.77 35TH	13.69
34.55 30TH	13.60
34.33 25TH	13.51
34.08 20TH	13.42
33.79 15TH	13.30
33.45 10TH	13.17
32.96 5TH	12.98
32.66 3RD	12.86
32.45 2RD	12.78
32.13 1ST	12.65



RANGES*	F	CUMF	FPCT	CUMPT
41.25- 41.55	1	790	0.13	100.00
40.95- 41.25	1	789	0.13	99.87
40.65- 40.95	0	788	0.00	99.75
40.35- 40.65	0	788	0.00	99.75
40.05- 40.35	0	788	0.00	99.75
39.75- 40.05	2	788	0.25	99.75
39.45- 39.75	3	786	0.38	99.49
39.15- 39.45	4	783	0.51	99.11
38.85- 39.15	7	779	0.89	98.61
38.55- 38.85	4	772	0.51	97.72
38.25- 38.55	18	768	2.28	97.22
37.95- 38.25	11	750	1.39	94.94
37.65- 37.95	18	739	2.28	93.54
37.35- 37.65	27	721	3.42	91.27
37.05- 37.35	26	694	3.29	87.85
36.75- 37.05	45	668	5.70	84.56
36.45- 36.75	46	623	5.82	78.86
36.15- 36.45	38	577	4.81	73.04
35.85- 36.15	53	539	6.71	68.23
35.55- 35.85	57	486	7.22	61.52
35.25- 35.55	72	429	9.11	54.30
34.95- 35.25	57	357	7.22	45.19
34.65- 34.95	33	300	4.18	37.97
34.35- 34.65	64	267	8.10	33.80
34.05- 34.35	40	203	5.06	25.70
33.75- 34.05	45	163	5.70	20.63
33.45- 33.75	40	118	5.06	14.94
33.15- 33.45	31	78	3.92	9.87
32.85- 33.15	17	47	2.15	5.95
32.55- 32.85	12	30	1.52	3.80
32.25- 32.55	8	18	1.01	2.28
31.95- 32.25	4	10	0.51	1.27
31.65- 31.95	0	6	0.00	0.76
31.35- 31.65	3	6	0.38	0.76
31.05- 31.35	0	3	0.00	0.38
30.75- 31.05	2	3	0.25	0.38
30.45- 30.75	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

FOREARM HAND LENGTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

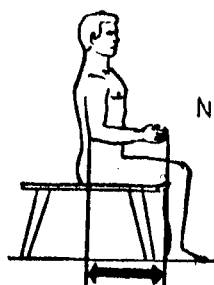
CENTIMETERS		INCHES
46.01	MEAN VALUE	18.11
0.07	SE(MEAN)	0.03
1.87	SD DEVIATION	0.74
0.05	SE(SD DEV)	0.02

SYMMETRY---VETA I = 0.05
KURTOSIS---VETA II = 3.03
COEF. OF VARIATION = 4.07

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
50.51	99TH	19.89
50.01	98TH	19.69
49.67	97TH	19.56
49.21	95TH	19.37
48.49	90TH	19.09
48.00	85TH	18.90
47.61	80TH	18.74
47.28	75TH	18.61
46.99	70TH	18.50
46.72	65TH	18.39
46.46	60TH	18.29
46.22	55TH	18.20
45.99	50TH	18.10
45.75	45TH	18.01
45.52	40TH	17.92
45.27	35TH	17.82
45.02	30TH	17.73
44.75	25TH	17.62
44.45	20TH	17.50
44.11	15TH	17.36
43.67	10TH	17.19
43.01	5TH	16.93
42.58	3RD	16.76
42.25	2RD	16.63
41.71	1ST	16.42



RANGES*	F	CUMF	FPCT	CUMPCT
51.75- 52.25	1	790	0.13	100.00
51.25- 51.75	0	789	0.00	99.87
50.75- 51.25	3	789	0.38	99.87
50.25- 50.75	7	786	0.89	99.49
49.75- 50.25	9	779	1.14	98.61
49.25- 49.75	25	770	3.16	97.47
48.75- 49.25	17	745	2.15	94.30
48.25- 48.75	37	728	4.68	92.15
47.75- 48.25	37	691	4.68	87.47
47.25- 47.75	61	654	7.72	82.78
46.75- 47.25	58	593	7.34	75.06
46.25- 46.75	94	535	11.90	67.72
45.75- 46.25	80	441	10.13	55.82
45.25- 45.75	111	361	14.05	45.70
44.75- 45.25	62	250	7.85	31.65
44.25- 44.75	62	188	7.85	23.80
43.75- 44.25	33	126	4.18	15.95
43.25- 43.75	32	93	4.05	11.77
42.75- 43.25	31	61	3.92	7.72
42.25- 42.75	16	30	2.03	3.80
41.75- 42.25	6	14	0.76	1.77
41.25- 41.75	4	8	0.51	1.01
40.75- 41.25	1	4	0.13	0.51
40.25- 40.75	2	3	0.25	0.38
39.75- 40.25	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

..... SHOULDER BREADTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS INCHES

43.72 MEAN VALUE 17.21
0.10 SE(MEAN) 0.04
2.74 SD DEVIATION 1.08
0.07 SE(SD DEV) 0.03

SYMMETRY---VETA I = 0.48
KURTOSIS---VETA II = 3.15
COEF. OF VARIATION = 6.27

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS INCHES

50.65	99TH	19.94
49.91	98TH	19.65
49.39	97TH	19.45
48.65	95TH	19.15
47.46	90TH	18.69
46.65	85TH	18.37
46.02	80TH	18.12
45.48	75TH	17.90
45.01	70TH	17.72
44.58	65TH	17.55
44.19	60TH	17.40
43.82	55TH	17.25
43.46	50TH	17.11
43.12	45TH	16.98
42.78	40TH	16.84
42.44	35TH	16.71
42.10	30TH	16.58
41.74	25TH	16.43
41.36	20TH	16.28
40.94	15TH	16.12
40.42	10TH	15.91
39.68	5TH	15.62
39.19	3RD	15.43
38.81	2RD	15.28
38.18	1ST	15.03



RANGES*	F	CUMF	FPCT	CUMPC
54.25- 54.75	1	790	0.13	100.00
53.75- 54.25	0	789	0.00	99.87
53.25- 53.75	1	789	0.13	99.87
52.75- 53.25	1	788	0.13	99.75
52.25- 52.75	0	787	0.00	99.62
51.75- 52.25	0	787	0.00	99.62
51.25- 51.75	0	787	0.00	99.62
50.75- 51.25	4	787	0.51	99.62
50.25- 50.75	4	783	0.51	99.11
49.75- 50.25	5	779	0.63	98.61
49.25- 49.75	15	774	1.90	97.97
48.75- 49.25	10	759	1.27	96.08
48.25- 48.75	16	749	2.03	94.81
47.75- 48.25	10	733	1.27	92.78
47.25- 47.75	24	723	3.04	91.52
46.75- 47.25	17	699	2.15	88.48
46.25- 46.75	32	682	4.05	86.33
45.75- 46.25	26	650	3.29	82.28
45.25- 45.75	49	624	6.20	78.99
44.75- 45.25	39	575	4.94	72.78
44.25- 44.75	63	536	7.97	67.85
43.75- 44.25	43	473	5.44	59.87
43.25- 43.75	64	430	8.10	54.43
42.75- 43.25	43	366	5.44	46.33
42.25- 42.75	76	323	9.62	40.89
41.75- 42.25	55	247	6.96	31.27
41.25- 41.75	52	192	6.58	24.30
40.75- 41.25	39	140	4.94	17.72
40.25- 40.75	36	101	4.56	12.78
39.75- 40.25	20	65	2.53	8.23
39.25- 39.75	15	45	1.90	5.70
38.75- 39.25	18	30	2.28	3.80
38.25- 38.75	4	12	0.51	1.52
37.75- 38.25	4	8	0.51	1.01
37.25- 37.75	4	4	0.51	0.51

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

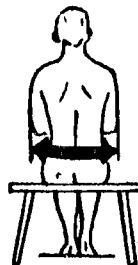
ELBOW-TO-ELBOW BREADTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
44.50 MEAN VALUE	17.52
0.16 SE(MEAN)	0.06
4.53 SD DEVIATION	1.78
0.11 SE(SD DEV)	0.04

RANGES*	F	CUMF	FPCT	CUMPT
61.25- 62.25	1	790	0.13	100.00
60.25- 61.25	0	789	0.00	99.87
59.25- 60.25	0	789	0.00	99.87
58.25- 59.25	2	789	0.25	99.87
57.25- 58.25	4	787	0.51	99.62
56.25- 57.25	2	783	0.25	99.11
55.25- 56.25	5	781	0.63	98.86
54.25- 55.25	6	776	0.76	98.23
53.25- 54.25	13	770	1.65	97.47
52.25- 53.25	20	757	2.53	95.82
51.25- 52.25	21	737	2.66	93.29
50.25- 51.25	25	716	3.16	90.63
49.25- 50.25	34	691	4.30	87.47
48.25- 49.25	29	657	3.67	83.16
47.25- 48.25	39	628	4.94	79.49
46.25- 47.25	45	589	5.70	74.56
45.25- 46.25	54	544	6.84	68.86
44.25- 45.25	64	490	8.10	62.03
43.25- 44.25	77	426	9.75	53.92
42.25- 43.25	79	349	10.00	44.18
41.25- 42.25	74	270	9.37	34.18
40.25- 41.25	64	196	8.10	24.81
39.25- 40.25	64	132	8.10	16.71
38.25- 39.25	35	68	4.43	8.61
37.25- 38.25	16	33	2.03	4.18
36.25- 37.25	10	17	1.27	2.15
35.25- 36.25	3	7	0.38	0.89
34.25- 35.25	3	4	0.38	0.51
33.25- 34.25	0	1	0.00	0.13
32.25- 33.25	1	1	0.13	0.13



 SYMMETRY---VETA I = 0.62
 KURTOSIS---VETA II = 3.16
 COEF. OF VARIATION = 10.17

 NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS	INCHES
56.52	99TH 22.25
55.21	98TH 21.73
54.28	97TH 21.37
52.95	95TH 20.85
50.82	90TH 20.01
49.38	85TH 19.44
48.26	80TH 19.00
47.32	75TH 18.63
46.51	70TH 18.31
45.78	65TH 18.02
45.12	60TH 17.76
44.50	55TH 17.52
43.92	50TH 17.29
43.36	45TH 17.07
42.82	40TH 16.86
42.30	35TH 16.65
41.77	30TH 16.44
41.23	25TH 16.23
40.67	20TH 16.01
40.06	15TH 15.77
39.35	10TH 15.49
38.35	5TH 15.10
37.70	3RD 14.84
37.20	2RD 14.64
36.33	1ST 14.30

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

..... HIP BREADTH-SITTING

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
33.46	MEAN VALUE	13.17
0.07	SE (MEAN)	0.03
2.11	SD DEVIATION	0.83
0.05	SE (SD DEV)	0.02

SYMMETRY---	VETA I =	0.63
KURTOSIS---	VETA II =	3.48
COEF. OF VARIATION =		6.29

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
39.29	99TH	15.47
38.55	98TH	15.18
38.05	97TH	14.98
37.37	95TH	14.71
36.33	90TH	14.30
35.65	85TH	14.04
35.14	80TH	13.83
34.71	75TH	13.66
34.34	70TH	13.52
34.01	65TH	13.39
33.71	60TH	13.27
33.44	55TH	13.16
33.18	50TH	13.06
32.93	45TH	12.96
32.68	40TH	12.87
32.45	35TH	12.77
32.21	30TH	12.68
31.96	25TH	12.58
31.69	20TH	12.48
31.40	15TH	12.36
31.04	10TH	12.22
30.52	5TH	12.01
30.16	3RD	11.87
29.87	2RD	11.76
29.36	1ST	11.56



RANGES*	F	CUMF	FPCT	CUMFCT
42.25- 42.75	1	790	0.13	100.00
41.75- 42.25	0	789	0.00	99.87
41.25- 41.75	0	789	0.00	99.87
40.75- 41.25	1	789	0.13	99.87
40.25- 40.75	1	788	0.13	99.75
39.75- 40.25	0	787	0.00	99.62
39.25- 39.75	6	787	0.76	99.62
38.75- 39.25	4	781	0.51	98.86
38.25- 38.75	7	777	0.89	98.35
37.75- 38.25	6	770	0.76	97.47
37.25- 37.75	15	764	1.90	96.71
36.75- 37.25	17	749	2.15	94.81
36.25- 36.75	40	732	5.06	92.66
35.75- 36.25	15	692	1.90	87.59
35.25- 35.75	43	677	5.44	85.70
34.75- 35.25	30	634	3.80	80.25
34.25- 34.75	65	604	8.23	76.46
33.75- 34.25	47	539	5.95	68.23
33.25- 33.75	83	492	10.51	62.28
32.75- 33.25	71	409	8.99	51.77
32.25- 32.75	114	338	14.43	42.78
31.75- 32.25	60	224	7.59	28.35
31.25- 31.75	61	164	7.72	20.76
30.75- 31.25	46	103	5.82	13.04
30.25- 30.75	32	57	4.05	7.22
29.75- 30.25	13	25	1.65	3.16
29.25- 29.75	5	12	0.63	1.52
28.75- 29.25	4	7	0.51	0.89
28.25- 28.75	3	3	0.38	0.38

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 BUTTOCK-KNEE LENGTH

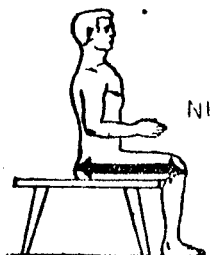
THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
56.19 MEAN VALUE	22.12
0.09 SE(MEAN)	0.03
2.46 SD DEVIATION	0.97
0.06 SE(SD DEV)	0.02

SYMMETRY---VETA I = 0.16
 KURTOSIS---VETA II = 3.13
 COEF. OF VARIATION = 4.37

NUMBER OF SUBJECTS = 790.



THE PERCENTILES

CENTIMETERS	INCHES
62.25 99TH	24.51
61.54 98TH	24.23
61.07 97TH	24.04
60.43 95TH	23.79
59.44 90TH	23.40
58.77 85TH	23.14
58.26 80TH	22.94
57.81 75TH	22.76
57.42 70TH	22.61
57.07 65TH	22.47
56.74 60TH	22.34
56.42 55TH	22.21
56.11 50TH	22.09
55.81 45TH	21.97
55.51 40TH	21.85
55.20 35TH	21.73
54.87 30TH	21.60
54.53 25TH	21.47
54.14 20TH	21.32
53.70 15TH	21.14
53.14 10TH	20.92
52.29 5TH	20.59
51.72 3RD	20.36
51.27 2RD	20.19
50.54 1ST	19.90

RANGES*	F	CUMF	FPCT	CUMPT
64.75- 65.25	1	790	0.13	100.00
64.25- 64.75	0	789	0.00	99.87
63.75- 64.25	0	789	0.00	99.87
63.25- 63.75	3	789	0.38	99.87
62.75- 63.25	1	786	0.13	99.49
62.25- 62.75	3	785	0.38	99.37
61.75- 62.25	3	782	0.38	98.99
61.25- 61.75	10	779	1.27	98.61
60.75- 61.25	8	769	1.01	97.34
60.25- 60.75	18	761	2.28	96.33
59.75- 60.25	10	743	1.27	94.05
59.25- 59.75	34	733	4.30	92.78
58.75- 59.25	17	699	2.15	88.48
58.25- 58.75	60	682	7.59	86.33
57.75- 58.25	31	622	3.92	78.73
57.25- 57.75	66	591	8.35	74.81
56.75- 57.25	43	525	5.44	66.46
56.25- 56.75	81	482	10.25	61.01
55.75- 56.25	47	401	5.95	50.76
55.25- 55.75	85	354	10.76	44.81
54.75- 55.25	38	269	4.81	34.05
54.25- 54.75	53	231	6.71	29.24
53.75- 54.25	47	178	5.95	22.53
53.25- 53.75	53	131	6.71	16.58
52.75- 53.25	21	78	2.66	9.87
52.25- 52.75	21	57	2.66	7.22
51.75- 52.25	14	36	1.77	4.56
51.25- 51.75	5	22	0.63	2.78
50.75- 51.25	7	17	0.89	2.15
50.25- 50.75	5	10	0.63	1.27
49.75- 50.25	2	5	0.25	0.63
49.25- 49.75	1	3	0.13	0.38
48.75- 49.25	2	2	0.25	0.25

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

BUTTOCK-POPLITEAL LENGTH

THE FREQUENCY TABLES

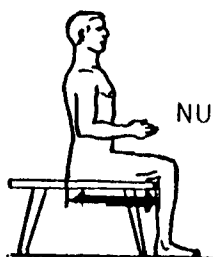
THE SUMMARY STATISTICS

CENTIMETERS INCHES

45.74 MEAN VALUE 18.01
0.08 SE (MEAN) 0.03
2.15 SD DEVIATION 0.85
0.05 SE (SD DEV) 0.02

SYMMETRY---VETA I = 0.06
KURTOSIS---VETA II = 3.04
COEF. OF VARIATION = 4.71

NUMBER OF SUBJECTS = 790.



THE PERCENTILES

CENTIMETERS INCHES

50.96	99TH	20.06
50.38	98TH	19.84
50.00	97TH	19.68
49.45	95TH	19.47
48.60	90TH	19.13
48.02	85TH	18.91
47.57	80TH	18.73
47.18	75TH	18.58
46.84	70TH	18.44
46.53	65TH	18.32
46.24	60TH	18.21
45.97	55TH	18.10
45.70	50TH	17.99
45.43	45TH	17.89
45.17	40TH	17.78
44.89	35TH	17.68
44.61	30TH	17.56
44.31	25TH	17.44
43.97	20TH	17.31
43.57	15TH	17.15
43.06	10TH	16.95
42.27	5TH	16.64
41.72	3RD	16.42
41.28	2RD	16.25
40.53	1ST	15.96

RANGES*	F	CUMF	FPCT	CUMPCT
52.25- 52.75	1	790	0.13	100.00
51.75- 52.25	1	789	0.13	99.87
51.25- 51.75	4	788	0.51	99.75
50.75- 51.25	3	784	0.38	99.24
50.25- 50.75	10	781	1.27	98.86
49.75- 50.25	11	771	1.39	97.59
49.25- 49.75	18	760	2.28	96.20
48.75- 49.25	18	742	2.28	93.92
48.25- 48.75	26	724	3.29	91.65
47.75- 48.25	42	698	5.32	88.35
47.25- 47.75	59	656	7.47	83.04
46.75- 47.25	66	597	8.35	75.57
46.25- 46.75	55	531	6.96	67.22
45.75- 46.25	75	476	9.49	60.25
45.25- 45.75	79	401	10.00	50.76
44.75- 45.25	69	322	8.73	40.76
44.25- 44.75	57	253	7.22	32.03
43.75- 44.25	53	196	6.71	24.81
43.25- 43.75	43	143	5.44	18.10
42.75- 43.25	46	100	5.82	12.66
42.25- 42.75	20	54	2.53	6.84
41.75- 42.25	12	34	1.52	4.30
41.25- 41.75	6	22	0.76	2.78
40.75- 41.25	6	16	0.76	2.03
40.25- 40.75	4	10	0.51	1.27
39.75- 40.25	3	6	0.38	0.76
39.25- 39.75	2	3	0.25	0.38
38.75- 39.25	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

BACK-WAIST LENGTH

THE FREQUENCY TABLES.

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
48.45	MEAN VALUE	19.08
0.07	SE(MEAN)	0.03
2.02	SD DEVIATION	0.80
0.05	SE(SD DEV)	0.02

SYMMETRY---VETA I = 0.11
KURTOSIS---VETA II = 3.92
COEF. OF VARIATION = 4.18

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
54.16	99TH	21.32
53.03	98TH	20.88
52.43	97TH	20.64
51.73	95TH	20.37
50.85	90TH	20.02
50.36	85TH	19.83
50.00	80TH	19.68
49.70	75TH	19.57
49.44	70TH	19.47
49.20	65TH	19.37
48.98	60TH	19.28
48.76	55TH	19.19
48.53	50TH	19.11
48.30	45TH	19.02
48.06	40TH	18.92
47.81	35TH	18.82
47.53	30TH	18.71
47.22	25TH	18.59
46.86	20TH	18.45
46.44	15TH	18.28
45.88	10TH	18.06
45.06	5TH	17.74
44.55	3RD	17.54
44.19	2RD	17.40
43.69	1ST	17.20



RANGES*	F	CUMF	FPCT	CUMPC
56.75- 57.25	1	790	0.13	100.00
56.25- 56.75	0	789	0.00	99.87
55.75- 56.25	0	789	0.00	99.87
55.25- 55.75	0	789	0.00	99.87
54.75- 55.25	3	789	0.38	99.87
54.25- 54.75	1	786	0.13	99.49
53.75- 54.25	6	785	0.76	99.37
53.25- 53.75	3	779	0.38	98.61
52.75- 53.25	9	776	1.14	98.23
52.25- 52.75	4	767	0.51	97.09
51.75- 52.25	20	763	2.53	96.58
51.25- 51.75	7	743	0.89	94.05
50.75- 51.25	14	736	1.77	93.16
50.25- 50.75	1	722	0.13	91.39
49.75- 50.25	167	721	21.14	91.27
49.25- 49.75	53	554	6.71	70.13
48.75- 49.25	74	501	9.37	63.42
48.25- 48.75	68	427	8.61	54.05
47.75- 48.25	91	359	11.52	45.44
47.25- 47.75	65	268	8.23	33.92
46.75- 47.25	49	203	6.20	25.70
46.25- 46.75	37	154	4.68	19.49
45.75- 46.25	61	117	7.72	14.81
45.25- 45.75	12	56	1.52	7.09
44.75- 45.25	16	44	2.03	5.57
44.25- 44.75	14	28	1.77	3.54
43.75- 44.25	4	14	0.51	1.77
43.25- 43.75	6	10	0.76	1.27
42.75- 43.25	1	4	0.13	0.51
42.25- 42.75	1	3	0.13	0.38
41.75- 42.25	1	2	0.13	0.25
41.25- 41.75	0	1	0.00	0.13
40.75- 41.25	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
SHOULDER LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMFCT
18.95- 19.15	2	790	0.25	100.00
18.75- 18.95	1	788	0.13	99.75
18.55- 18.75	0	787	0.00	99.62
18.35- 18.55	2	787	0.25	99.62
18.15- 18.35	0	785	0.00	99.37
17.95- 18.15	17	785	2.15	99.37
17.75- 17.95	1	768	0.13	97.22
17.55- 17.75	4	767	0.51	97.09
17.35- 17.55	26	763	3.29	96.58
17.15- 17.35	6	737	0.76	93.29
16.95- 17.15	83	731	10.51	92.53
16.75- 16.95	4	648	0.51	82.03
16.55- 16.75	25	644	3.16	81.52
16.35- 16.55	117	619	14.81	78.35
16.15- 16.35	9	502	1.14	63.54
15.95- 16.15	226	493	28.61	62.41
15.75- 15.95	13	267	1.65	33.80
15.55- 15.75	15	254	1.90	32.15
15.35- 15.55	74	239	9.37	30.25
15.15- 15.35	8	165	1.01	20.89
14.95- 15.15	115	157	14.56	19.87
14.75- 14.95	4	42	0.51	5.32
14.55- 14.75	7	38	0.89	4.81
14.35- 14.55	20	31	2.53	3.92
14.15- 14.35	0	11	0.00	1.39
13.95- 14.15	7	11	0.89	1.39
13.75- 13.95	0	4	0.00	0.51
13.55- 13.75	0	4	0.00	0.51
13.35- 13.55	0	4	0.00	0.51
13.15- 13.35	0	4	0.00	0.51
12.95- 13.15	3	4	0.38	0.51
12.75- 12.95	0	1	0.00	0.13
12.55- 12.75	0	1	0.00	0.13
12.35- 12.55	0	1	0.00	0.13
12.15- 12.35	0	1	0.00	0.13
11.95- 12.15	0	1	0.00	0.13
11.75- 11.95	0	1	0.00	0.13
11.55- 11.75	0	1	0.00	0.13
11.35- 11.55	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
16.04	MEAN VALUE	6.31
0.03	SE (MEAN)	0.01
0.87	SD DEVIATION	0.34
0.02	SE (SD DEV)	0.01

SYMMETRY---VETA I = -0.07
KURTOSIS---VETA II = 4.21
COEF. OF VARIATION = 5.41

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
18.19	99TH	7.16
17.90	98TH	7.05
17.72	97TH	6.97
17.48	95TH	6.88
17.13	90TH	6.75
16.91	85TH	6.66
16.74	80TH	6.59
16.59	75TH	6.53
16.46	70TH	6.48
16.35	65TH	6.44
16.24	60TH	6.39
16.13	55TH	6.35
16.03	50TH	6.31
15.93	45TH	6.27
15.83	40TH	6.23
15.72	35TH	6.19
15.61	30TH	6.15
15.49	25TH	6.10
15.36	20TH	6.05
15.21	15TH	5.99
15.01	10TH	5.91
14.71	5TH	5.79
14.50	3RD	5.71
14.35	2RD	5.65
14.10	1ST	5.55



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
INTERSCYE BREADTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS INCHES

39.84 MEAN VALUE 15.68
0.11 SE (MEAN) 0.04
3.09 SD DEVIATION 1.22
0.08 SE (SD DEV) 0.03

SYMMETRY---VETA I = 0.23
KURTOSIS---VETA II = 3.20
COEF. OF VARIATION = 7.76

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS INCHES

47.48	99TH	18.69
46.66	98TH	18.37
46.09	97TH	18.15
45.28	95TH	17.83
43.97	90TH	17.31
43.09	85TH	16.97
42.40	80TH	16.69
41.82	75TH	16.47
41.31	70TH	16.27
40.86	65TH	16.08
40.43	60TH	15.92
40.03	55TH	15.76
39.65	50TH	15.61
39.27	45TH	15.46
38.90	40TH	15.32
38.53	35TH	15.17
38.15	30TH	15.02
37.74	25TH	14.86
37.29	20TH	14.68
36.77	15TH	14.48
36.11	10TH	14.22
35.08	5TH	13.81
34.34	3RD	13.52
33.74	2RD	13.28
32.68	1ST	12.87



RANGES*	F	CUMF	FPCT	CUMPCT
49.75- 50.25	1	790	0.13	100.00
49.25- 49.75	0	789	0.00	99.87
48.75- 49.25	3	789	0.38	99.87
48.25- 48.75	0	786	0.00	99.49
47.75- 48.25	3	786	0.38	99.49
47.25- 47.75	0	783	0.00	99.11
46.75- 47.25	9	783	1.14	99.11
46.25- 46.75	12	774	1.52	97.97
45.75- 46.25	9	762	1.14	96.46
45.25- 45.75	6	753	0.76	95.32
44.75- 45.25	14	747	1.77	94.56
44.25- 44.75	11	733	1.39	92.78
43.75- 44.25	11	722	1.39	91.39
43.25- 43.75	18	711	2.28	90.00
42.75- 43.25	31	693	3.92	87.72
42.25- 42.75	36	662	4.56	83.80
41.75- 42.25	54	626	6.84	79.24
41.25- 41.75	38	572	4.81	72.41
40.75- 41.25	15	534	1.90	67.59
40.25- 40.75	0	519	0.00	65.70
39.75- 40.25	159	519	20.13	65.70
39.25- 39.75	21	360	2.66	45.57
38.75- 39.25	61	339	7.72	42.91
38.25- 38.75	31	278	3.92	35.19
37.75- 38.25	49	247	6.20	31.27
37.25- 37.75	42	198	5.32	25.06
36.75- 37.25	39	156	4.94	19.75
36.25- 36.75	25	117	3.16	14.81
35.75- 36.25	34	92	4.30	11.65
35.25- 35.75	12	58	1.52	7.34
34.75- 35.25	15	46	1.90	5.82
34.25- 34.75	8	31	1.01	3.92
33.75- 34.25	5	23	0.63	2.91
33.25- 33.75	4	18	0.51	2.28
32.75- 33.25	9	14	1.14	1.77
32.25- 32.75	1	5	0.13	0.63
31.75- 32.25	1	4	0.13	0.51
31.25- 31.75	1	3	0.13	0.38
30.75- 31.25	1	2	0.13	0.25
30.25- 30.75	0	1	0.00	0.13
29.75- 30.25	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....
INTERSCYE MAXIMUM

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCCT
72.25- 73.25	2	790	0.25	100.00
71.25- 72.25	0	788	0.00	99.75
70.25- 71.25	0	788	0.00	99.75
69.25- 70.25	9	788	1.14	99.75
68.25- 69.25	5	779	0.63	98.61
67.25- 68.25	12	774	1.52	97.97
66.25- 67.25	20	762	2.53	96.46
65.25- 66.25	25	742	3.16	93.92
64.25- 65.25	29	717	3.67	90.76
63.25- 64.25	23	688	2.91	87.09
62.25- 63.25	51	665	6.46	84.18
61.25- 62.25	54	614	6.84	77.72
60.25- 61.25	27	560	3.42	70.89
59.25- 60.25	169	533	21.39	67.47
58.25- 59.25	80	364	10.13	46.08
57.25- 58.25	85	284	10.76	35.95
56.25- 57.25	66	199	8.35	25.19
55.25- 56.25	62	133	7.85	16.84
54.25- 55.25	32	71	4.05	8.99
53.25- 54.25	16	39	2.03	4.94
52.25- 53.25	8	23	1.01	2.91
51.25- 52.25	2	15	0.25	1.90
50.25- 51.25	2	13	0.25	1.65
49.25- 50.25	7	11	0.89	1.39
48.25- 49.25	0	4	0.00	0.51
47.25- 48.25	1	4	0.13	0.51
46.25- 47.25	0	3	0.00	0.38
45.25- 46.25	0	3	0.00	0.38
44.25- 45.25	0	3	0.00	0.38
43.25- 44.25	0	3	0.00	0.38
42.25- 43.25	0	3	0.00	0.38
41.25- 42.25	1	3	0.13	0.38
40.25- 41.25	0	2	0.00	0.25
39.25- 40.25	1	2	0.13	0.25
38.25- 39.25	1	1	0.13	0.13



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
59.70	MEAN VALUE	23.51
0.14	SE(MEAN)	0.05
3.91	SD DEVIATION	1.54
0.10	SE(SD DEV)	0.04

SYMMETRY---VETA I = -0.06
KURTOSIS---VETA II = 5.33
COEF. OF VARIATION = 6.54

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
69.48	99TH	27.35
68.48	98TH	26.96
67.72	97TH	26.66
66.59	95TH	26.22
64.76	90TH	25.49
63.53	85TH	25.01
62.59	80TH	24.64
61.82	75TH	24.34
61.17	70TH	24.08
60.60	65TH	23.86
60.10	60TH	23.66
59.63	55TH	23.48
59.20	50TH	23.31
58.80	45TH	23.15
58.41	40TH	23.00
58.03	35TH	22.85
57.65	30TH	22.70
57.25	25TH	22.54
56.81	20TH	22.37
56.29	15TH	22.16
55.57	10TH	21.88
54.25	5TH	21.36
53.11	3RD	20.91
52.08	2RD	20.50
50.03	1ST	19.70

*IN CENTIMETERS

II-104

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SLEEVE INSEAM

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
47.00	MEAN VALUE	18.50
0.07	SE(MEAN)	0.03
2.10	SD DEVIATION	0.83
0.05	SE(SD DEV)	0.02

SYMMETRY---VETA I = -0.05
KURTOSIS---VETA II = 3.11
COEF. OF VARIATION = 4.47

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
51.89	99TH	20.43
51.24	98TH	20.17
50.85	97TH	20.02
50.34	95TH	19.82
49.59	90TH	19.53
49.11	85TH	19.33
48.72	80TH	19.18
48.39	75TH	19.05
48.09	70TH	18.93
47.82	65TH	18.83
47.56	60TH	18.72
47.30	55TH	18.62
47.05	50TH	18.52
46.79	45TH	18.42
46.53	40TH	18.32
46.25	35TH	18.21
45.96	30TH	18.09
45.64	25TH	17.97
45.28	20TH	17.83
44.87	15TH	17.66
44.33	10TH	17.45
43.55	5TH	17.15
43.05	3RD	16.95
42.69	2RD	16.81
42.14	1ST	16.59



RANGES*	F	CUMF	FPCT	CUMPCT
53.75- 54.25	1	790	0.13	100.00
53.25- 53.75	1	789	0.13	99.87
52.75- 53.25	1	788	0.13	99.75
52.25- 52.75	3	787	0.38	99.62
51.75- 52.25	5	784	0.63	99.24
51.25- 51.75	6	779	0.76	98.61
50.75- 51.25	6	773	0.76	97.85
50.25- 50.75	1	767	0.13	97.09
49.75- 50.25	74	766	9.37	96.96
49.25- 49.75	14	692	1.77	87.59
48.75- 49.25	54	678	6.84	85.82
48.25- 48.75	44	624	5.57	78.99
47.75- 48.25	89	580	11.27	73.42
47.25- 47.75	70	491	8.86	62.15
46.75- 47.25	57	421	7.22	53.29
46.25- 46.75	69	364	8.73	46.08
45.75- 46.25	91	295	11.52	37.34
45.25- 45.75	50	204	6.33	25.82
44.75- 45.25	43	154	5.44	19.49
44.25- 44.75	34	111	4.30	14.05
43.75- 44.25	33	77	4.18	9.75
43.25- 43.75	17	44	2.15	5.57
42.75- 43.25	14	27	1.77	3.42
42.25- 42.75	4	13	0.51	1.65
41.75- 42.25	2	9	0.25	1.14
41.25- 41.75	3	7	0.38	0.89
40.75- 41.25	1	4	0.13	0.51
40.25- 40.75	1	3	0.13	0.38
39.75- 40.25	2	2	0.25	0.25

*IN CENTIMETERS

II-105

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 SLEEVE LENGTH (SPINE TO WRIST)

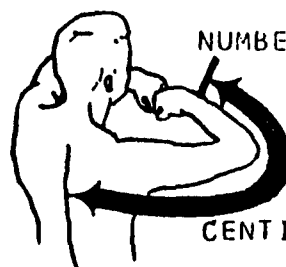
THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
83.12	MEAN VALUE	32.73
0.12	SE (MEAN)	0.05
3.37	SD DEVIATION	1.33
0.08	SE (SD DEV)	0.03

SYMMETRY---VETA I = -0.01
 KURTOSIS---VETA II = 2.95
 COEF. OF VARIATION = 4.05

RANGES*	F	CUMF	FPCT	CUMFCT
92.25- 93.25	3	790	0.38	100.00
91.25- 92.25	4	787	0.51	99.62
90.25- 91.25	3	783	0.38	99.11
89.25- 90.25	21	780	2.66	98.73
88.25- 89.25	20	759	2.53	96.08
87.25- 88.25	32	739	4.05	93.54
86.25- 87.25	55	707	6.96	89.49
85.25- 86.25	78	652	9.87	82.53
84.25- 85.25	88	574	11.14	72.66
83.25- 84.25	88	486	11.14	61.52
82.25- 83.25	79	398	10.00	50.38
81.25- 82.25	87	319	11.01	40.38
80.25- 81.25	32	232	4.05	29.37
79.25- 80.25	108	200	13.67	25.32
78.25- 79.25	36	92	4.56	11.65
77.25- 78.25	32	56	4.05	7.09
76.25- 77.25	7	24	0.89	3.04
75.25- 76.25	12	17	1.52	2.15
74.25- 75.25	1	5	0.13	0.63
73.25- 74.25	2	4	0.25	0.51
72.25- 73.25	1	2	0.13	0.25
71.25- 72.25	1	1	0.13	0.13



NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
90.89	99TH	35.78
90.07	98TH	35.46
89.53	97TH	35.25
88.77	95TH	34.95
87.56	90TH	34.47
86.72	85TH	34.14
86.05	80TH	33.88
85.46	75TH	33.65
84.93	70TH	33.44
84.45	65TH	33.25
83.98	60TH	33.06
83.53	55TH	32.89
83.09	50TH	32.71
82.65	45TH	32.54
82.20	40TH	32.36
81.74	35TH	32.18
81.26	30TH	31.99
80.75	25TH	31.79
80.18	20TH	31.56
79.53	15TH	31.31
78.72	10TH	30.99
77.57	5TH	30.54
76.86	3RD	30.26
76.35	2RD	30.06
75.59	1ST	29.76

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 HEAD CIRCUMFERENCE

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES*	F	CUMF	FPCT	CUMPT
61.35- 61.65	2	790	0.25	100.00
61.05- 61.35	0	788	0.00	99.75
60.75- 61.05	1	788	0.13	99.75
60.45- 60.75	4	787	0.51	99.62
60.15- 60.45	0	783	0.00	99.11
59.85- 60.15	4	783	0.51	99.11
59.55- 59.85	1	779	0.13	98.61
59.25- 59.55	10	778	1.27	98.48
58.95- 59.25	19	768	2.41	97.22
58.65- 58.95	1	749	0.13	94.81
58.35- 58.65	31	748	3.92	94.68
58.05- 58.35	2	717	0.25	90.76
57.75- 58.05	55	715	6.96	90.51
57.45- 57.75	69	660	8.73	83.54
57.15- 57.45	2	591	0.25	74.81
56.85- 57.15	94	589	11.90	74.56
56.55- 56.85	6	495	0.76	62.66
56.25- 56.55	82	489	10.38	61.90
55.95- 56.25	98	407	12.41	51.52
55.65- 55.95	3	309	0.38	39.11
55.35- 55.65	100	306	12.66	38.73
55.05- 55.35	4	206	0.51	26.08
54.75- 55.05	89	202	11.27	25.57
54.45- 54.75	45	113	5.70	14.30
54.15- 54.45	1	68	0.13	8.61
53.85- 54.15	28	67	3.54	8.48
53.55- 53.85	1	39	0.13	4.94
53.25- 53.55	23	38	2.91	4.81
52.95- 53.25	10	15	1.27	1.90
52.65- 52.95	0	5	0.00	0.63
52.35- 52.65	1	5	0.13	0.63
52.05- 52.35	0	4	0.00	0.51
51.75- 52.05	1	4	0.13	0.51
51.45- 51.75	3	3	0.38	0.38

CENTIMETERS	INCHES
56.26	MEAN VALUE 22.15
0.05	SE(MEAN) 0.02
1.53	SD DEVIATION 0.60
0.04	SE(SD DEV) 0.02

SYMMETRY---VETA I = 0.14
 KURTOSIS---VETA II = 3.21
 COEF. OF VARIATION = 2.73

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS	INCHES
60.04	99TH 23.64
59.53	98TH 23.44
59.23	97TH 23.32
58.83	95TH 23.16
58.23	90TH 22.93
57.84	85TH 22.77
57.54	80TH 22.65
57.28	75TH 22.55
57.04	70TH 22.46
56.83	65TH 22.37
56.63	60TH 22.29
56.43	55TH 22.22
56.24	50TH 22.14
56.05	45TH 22.06
55.85	40TH 21.99
55.65	35TH 21.91
55.44	30TH 21.83
55.21	25TH 21.74
54.96	20TH 21.64
54.68	15TH 21.53
54.32	10TH 21.39
53.82	5TH 21.19
53.51	3RD 21.07
53.30	2RD 20.98
52.99	1ST 20.86



*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
NECK CIRCUMFERENCE

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
37.48	MEAN VALUE	14.76
0.07	SE (MEAN)	0.03
2.04	SD DEVIATION	0.80
0.05	SE (SD DEV)	0.02

SYMMETRY---	VETA I =	0.46
KURTOSIS---	VETA II =	3.06
COEF. OF VARIATION =		5.43

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
42.84	99TH	16.86
42.19	98TH	16.61
41.76	97TH	16.44
41.16	95TH	16.21
40.24	90TH	15.84
39.63	85TH	15.60
39.15	80TH	15.41
38.75	75TH	15.26
38.41	70TH	15.12
38.09	65TH	15.00
37.81	60TH	14.88
37.54	55TH	14.78
37.28	50TH	14.68
37.03	45TH	14.58
36.78	40TH	14.48
36.54	35TH	14.39
36.29	30TH	14.29
36.03	25TH	14.18
35.75	20TH	14.07
35.43	15TH	13.95
35.05	10TH	13.80
34.49	5TH	13.58
34.12	3RD	13.43
33.84	2RD	13.32
33.37	1ST	13.14



RANGES*	F	CUMF	FPCT	CUMPT
44.25- 44.75	1	790	0.13	100.00
43.75- 44.25	2	789	0.25	99.87
43.25- 43.75	3	787	0.38	99.62
42.75- 43.25	3	784	0.38	99.24
42.25- 42.75	3	781	0.38	98.86
41.75- 42.25	11	778	1.39	98.48
41.25- 41.75	11	767	1.39	97.09
40.75- 41.25	25	756	3.16	95.70
40.25- 40.75	17	731	2.15	92.53
39.75- 40.25	39	714	4.94	90.38
39.25- 39.75	37	675	4.68	85.44
38.75- 39.25	57	638	7.22	80.76
38.25- 38.75	42	581	5.32	73.54
37.75- 38.25	70	539	8.86	68.23
37.25- 37.75	75	469	9.49	59.37
36.75- 37.25	84	394	10.63	49.87
36.25- 36.75	70	310	8.86	39.24
35.75- 36.25	90	240	11.39	30.38
35.25- 35.75	49	150	6.20	18.99
34.75- 35.25	50	101	6.33	12.78
34.25- 34.75	25	51	3.16	6.46
33.75- 34.25	13	26	1.65	3.29
33.25- 33.75	6	13	0.76	1.65
32.75- 33.25	5	7	0.63	0.89
32.25- 32.75	2	2	0.25	0.25

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 SHOULDER CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUNPCT
146.75-148.25	1	790	0.13	100.00
145.25-146.75	0	789	0.00	99.87
143.75-145.25	0	789	0.00	99.87
142.25-143.75	0	789	0.00	99.87
140.75-142.25	0	789	0.00	99.87
139.25-140.75	2	789	0.25	99.87
137.75-139.25	0	787	0.00	99.62
136.25-137.75	0	787	0.00	99.62
134.75-136.25	1	787	0.13	99.62
133.25-134.75	3	786	0.38	99.49
131.75-133.25	4	783	0.51	99.11
130.25-131.75	9	779	1.14	98.61
128.75-130.25	8	770	1.01	97.47
127.25-128.75	12	762	1.52	96.46
125.75-127.25	16	750	2.03	94.94
124.25-125.75	12	734	1.52	92.91
122.75-124.25	13	722	1.65	91.39
121.25-122.75	26	709	3.29	89.75
119.75-121.25	42	683	5.32	86.46
118.25-119.75	31	641	3.92	81.14
116.75-118.25	30	610	3.80	77.22
115.25-116.75	30	580	3.80	73.42
113.75-115.25	33	550	4.18	69.62
112.25-113.75	51	517	6.46	65.44
110.75-112.25	69	466	8.73	58.99
109.25-110.75	60	397	7.59	50.25
107.75-109.25	65	337	8.23	42.66
106.25-107.75	79	272	10.00	34.43
104.75-106.25	58	193	7.34	24.43
103.25-104.75	46	135	5.82	17.09
101.75-103.25	37	89	4.68	11.27
100.25-101.75	16	52	2.03	6.58
98.75-100.25	26	36	3.29	4.56
97.25-98.75	3	10	0.38	1.27
95.75-97.25	3	7	0.38	0.89
94.25-95.75	1	4	0.13	0.51
92.75-94.25	3	3	0.38	0.38

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
112.03	MEAN VALUE 44.11
0.29	SE(MEAN) 0.11
8.05	SD DEVIATION 3.17
0.20	SE(SD DEV) 0.08

SYMMETRY---VETA I = 0.68
 KURTOSIS---VETA II = 3.36
 COEF. OF VARIATION = 7.18

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS	INCHES
133.01	99TH 52.36
130.97	98TH 51.56
129.44	97TH 50.96
127.16	95TH 50.06
123.37	90TH 48.57
120.75	85TH 47.54
118.71	80TH 46.74
116.99	75TH 46.06
115.50	70TH 45.47
114.17	65TH 44.95
112.95	60TH 44.47
111.83	55TH 44.03
110.77	50TH 43.61
109.76	45TH 43.21
108.79	40TH 42.83
107.85	35TH 42.46
106.92	30TH 42.09
105.98	25TH 41.72
105.00	20TH 41.34
103.96	15TH 40.93
102.75	10TH 40.45
101.06	5TH 39.79
99.93	3RD 39.34
99.04	2RD 38.99
97.43	1ST 38.36



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

CHEST CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
123.75-125.25	1	790	0.13	100.00
122.25-123.75	0	789	0.00	99.87
120.75-122.25	1	789	0.13	99.87
119.25-120.75	0	788	0.00	99.75
117.75-119.25	0	788	0.00	99.75
116.25-117.75	0	788	0.00	99.75
114.75-116.25	0	788	0.00	99.75
113.25-114.75	1	788	0.13	99.75
111.75-113.25	4	787	0.51	99.62
110.25-111.75	3	783	0.38	99.11
108.75-110.25	8	780	1.01	98.73
107.25-108.75	6	772	0.76	97.72
105.75-107.25	15	766	1.90	96.96
104.25-105.75	10	751	1.27	95.06
102.75-104.25	21	741	2.66	93.80
101.25-102.75	19	720	2.41	91.14
99.75-101.25	37	701	4.68	88.73
98.25- 99.75	20	664	2.53	84.05
96.75- 98.25	38	644	4.81	81.52
95.25- 96.75	39	606	4.94	76.71
93.75- 95.25	62	567	7.85	71.77
92.25- 93.75	53	505	6.71	63.92
90.75- 92.25	93	452	11.77	57.22
89.25- 90.75	60	359	7.59	45.44
87.75- 89.25	93	299	11.77	37.85
86.25- 87.75	59	206	7.47	26.08
84.75- 86.25	57	147	7.22	18.61
83.25- 84.75	33	90	4.18	11.39
81.75- 83.25	27	57	3.42	7.22
80.25- 81.75	19	30	2.41	3.80
78.75- 80.25	9	11	1.14	1.39
77.25- 78.75	1	2	0.13	0.25
75.75- 77.25	1	1	0.13	0.13



THE SUMMARY STATISTICS

CENTIMETERS	INCHES
92.28 MEAN VALUE	36.33
0.25 SE (MEAN)	0.10
6.96 SD DEVIATION	2.74
0.18 SE (SD DEV)	0.07

SYMMETRY---VETA I =	0.74
KURTOSIS---VETA II =	3.71
COEF. OF VARIATION =	7.55

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS	INCHES
111.44	99TH 43.87
109.08	98TH 42.94
107.50	97TH 42.32
105.30	95TH 41.46
101.90	90TH 40.12
99.65	85TH 39.23
97.93	80TH 38.55
96.49	75TH 37.99
95.25	70TH 37.50
94.14	65TH 37.06
93.13	60TH 36.67
92.20	55TH 36.30
91.31	50TH 35.95
90.46	45TH 35.62
89.64	40TH 35.29
88.84	35TH 34.97
88.03	30TH 34.66
87.20	25TH 34.33
86.32	20TH 33.98
85.37	15TH 33.61
84.23	10TH 33.16
82.63	5TH 32.53
81.58	3RD 32.12
80.77	2RD 31.80
79.38	1ST 31.25

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
WAIST CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPC
112.25-113.75	1	790	0.13	100.00
110.75-112.25	0	789	0.00	99.87
109.25-110.75	0	789	0.00	99.87
107.75-109.25	1	789	0.13	99.87
106.25-107.75	3	788	0.38	99.75
104.75-106.25	3	785	0.38	99.37
103.25-104.75	3	782	0.38	98.99
101.75-103.25	6	779	0.76	98.61
100.25-101.75	2	773	0.25	97.85
98.75-100.25	8	771	1.01	97.59
97.25- 98.75	9	763	1.14	96.58
95.75- 97.25	13	754	1.65	95.44
94.25- 95.75	20	741	2.53	93.80
92.75- 94.25	14	721	1.77	91.27
91.25- 92.75	13	707	1.65	89.49
89.75- 91.25	20	694	2.53	87.85
88.25- 89.75	19	674	2.41	85.32
86.75- 88.25	25	655	3.16	82.91
85.25- 86.75	23	630	2.91	79.75
83.75- 85.25	39	607	4.94	76.84
82.25- 83.75	24	568	3.04	71.90
80.75- 82.25	35	544	4.43	68.86
79.25- 80.75	40	509	5.06	64.43
77.75- 79.25	44	469	5.57	59.37
76.25- 77.75	56	425	7.09	53.80
74.75- 76.25	51	369	6.46	46.71
73.25- 74.75	65	318	8.23	40.25
71.75- 73.25	65	253	8.23	32.03
70.25- 71.75	58	188	7.34	23.80
68.75- 70.25	57	130	7.22	16.46
67.25- 68.75	30	73	3.80	9.24
65.75- 67.25	24	43	3.04	5.44
64.25- 65.75	11	19	1.39	2.41
62.75- 64.25	5	8	0.63	1.01
61.25- 62.75	1	3	0.13	0.38
59.75- 61.25	1	2	0.13	0.25
58.25- 59.75	1	1	0.13	0.13



CENTIMETERS	INCHES
78.98	MEAN VALUE 31.09
0.33	SE(MEAN) 0.13
9.31	SD DEVIATION 3.67
0.23	SE(SD DEV) 0.09

SYMMETRY---VETA I = 0.80
KURTOSIS---VETA II = 3.16
COEF. OF VARIATION = 11.79

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS	INCHES
104.53	99TH 41.15
101.99	98TH 40.15
100.07	97TH 39.40
97.20	95TH 38.27
92.46	90TH 36.40
89.21	85TH 35.12
86.69	80TH 34.13
84.57	75TH 33.30
82.75	70TH 32.58
81.15	65TH 31.95
79.70	60TH 31.38
78.37	55TH 30.85
77.13	50TH 30.37
75.96	45TH 29.91
74.87	40TH 29.47
73.82	35TH 29.06
72.80	30TH 28.66
71.80	25TH 28.27
70.80	20TH 27.87
69.77	15TH 27.47
68.65	10TH 27.03
67.18	5TH 26.45
66.24	3RD 26.08
65.47	2RD 25.78
64.05	1ST 25.21

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HIP CIRCUMFERENCE

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES*	F	CUMF	FPCT	CUMFCT
124.25-125.25	1	790	0.13	100.00
123.25-124.25	0	789	0.00	99.87
122.25-123.25	0	789	0.00	99.87
121.25-122.25	0	789	0.00	99.87
120.25-121.25	0	789	0.00	99.87
119.25-120.25	0	789	0.00	99.87
118.25-119.25	0	789	0.00	99.87
117.25-118.25	0	789	0.00	99.87
116.25-117.25	0	789	0.00	99.87
115.25-116.25	0	789	0.00	99.87
114.25-115.25	0	789	0.00	99.87
113.25-114.25	2	789	0.25	99.87
112.25-113.25	1	787	0.13	99.62
111.25-112.25	1	786	0.13	99.49
110.25-111.25	1	785	0.13	99.37
109.25-110.25	2	784	0.25	99.24
108.25-109.25	1	782	0.13	98.99
107.25-108.25	3	781	0.38	98.86
106.25-107.25	8	778	1.01	98.48
105.25-106.25	9	770	1.14	97.47
104.25-105.25	5	761	0.63	96.33
103.25-104.25	16	756	2.03	95.70
102.25-103.25	12	740	1.52	93.67
101.25-102.25	21	728	2.66	92.15
100.25-101.25	4	707	0.51	89.49
99.25-100.25	33	703	4.18	88.99
98.25- 99.25	26	670	3.29	84.81
97.25- 98.25	27	644	3.42	81.52
96.25- 97.25	28	617	3.54	78.10
95.25- 96.25	31	589	3.92	74.56
94.25- 95.25	38	558	4.81	70.63
93.25- 94.25	48	520	6.08	65.82
92.25- 93.25	47	472	5.95	59.75
91.25- 92.25	58	425	7.34	53.80
90.25- 91.25	70	367	8.86	46.46
89.25- 90.25	62	297	7.85	37.59
88.25- 89.25	42	235	5.32	29.75
87.25- 88.25	54	193	6.84	24.43
86.25- 87.25	32	139	4.05	17.59
85.25- 86.25	42	107	5.32	13.54
84.25- 85.25	23	65	2.91	8.23
83.25- 84.25	17	42	2.15	5.32
82.25- 83.25	13	25	1.65	3.16
81.25- 82.25	6	12	0.76	1.52
80.25- 81.25	4	6	0.51	0.76
79.25- 80.25	1	2	0.13	0.25
78.25- 79.25	0	1	0.00	0.13
77.25- 78.25	1	1	0.13	0.13

*IN CENTIMETERS

CENTIMETERS INCHES

92.80 MEAN VALUE 36.53
0.22 SE (MEAN) 0.09
6.10 SD DEVIATION 2.40
0.15 SE (SD DEV) 0.06

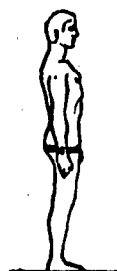
SYMMETRY---VETA I = 0.74
KURTOSIS---VETA II = 3.91
COEF. OF VARIATION = 6.58

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS INCHES

109.13	99TH	42.97
107.15	98TH	42.18
105.81	97TH	41.66
103.95	95TH	40.93
101.05	90TH	39.78
99.12	85TH	39.02
97.64	80TH	38.44
96.40	75TH	37.95
95.32	70TH	37.53
94.36	65TH	37.15
93.48	60TH	36.80
92.67	55TH	36.48
91.89	50TH	36.18
91.14	45TH	35.88
90.42	40TH	35.60
89.71	35TH	35.32
88.99	30TH	35.04
88.26	25TH	34.75
87.48	20TH	34.44
86.63	15TH	34.11
85.62	10TH	33.71
84.21	5TH	33.15
83.29	3RD	32.79
82.60	2RD	32.52
81.43	1ST	32.06



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

VERTICAL TRUNK CIRCUMFERENCE

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
156.94 MEAN VALUE	61.79
0.30 SE(MEAN)	0.12
8.53 SD DEVIATION	3.36
0.21 SE(SD DEV)	0.08

SYMMETRY---VETA I = 0.61
KURTOSIS---VETA II = 3.69
COEF. OF VARIATION = 5.43

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS	INCHES
181.23 99TH	71.35
177.58 98TH	69.91
175.35 97TH	69.04
172.45 95TH	67.89
168.27 90TH	66.25
165.63 85TH	65.21
163.66 80TH	64.43
162.02 75TH	63.79
160.62 70TH	63.23
159.36 65TH	62.74
158.21 60TH	62.29
157.13 55TH	61.86
156.09 50TH	61.45
155.08 45TH	61.05
154.08 40TH	60.66
153.08 35TH	60.27
152.06 30TH	59.87
150.97 25TH	59.44
149.79 20TH	58.97
148.45 15TH	58.45
146.79 10TH	57.79
144.36 5TH	56.83
142.76 3RD	56.20
141.56 2RD	55.73
139.60 1ST	54.96



RANGES*	F	CUMF	FPCT	CUMPT
194.25-195.75	1	790	0.13	100.00
192.75-194.25	0	789	0.00	99.87
191.25-192.75	0	789	0.00	99.87
189.75-191.25	0	789	0.00	99.87
188.25-189.75	0	789	0.00	99.87
186.75-188.25	1	789	0.13	99.87
185.25-186.75	0	788	0.00	99.75
183.75-185.25	3	788	0.38	99.75
182.25-183.75	0	785	0.00	99.37
180.75-182.25	3	785	0.38	99.37
179.25-180.75	6	782	0.76	98.99
177.75-179.25	3	776	0.38	98.23
176.25-177.75	5	773	0.63	97.85
174.75-176.25	3	768	0.38	97.22
173.25-174.75	7	765	0.89	96.84
171.75-173.25	11	758	1.39	95.95
170.25-171.75	8	747	1.01	94.56
168.75-170.25	15	739	1.90	93.54
167.25-168.75	28	724	3.54	91.65
165.75-167.25	23	696	2.91	88.10
164.25-165.75	27	673	3.42	85.19
162.75-164.25	27	646	3.42	81.77
161.25-162.75	42	619	5.32	78.35
159.75-161.25	62	577	7.85	73.04
158.25-159.75	46	515	5.82	65.19
156.75-158.25	48	469	6.08	59.37
155.25-156.75	50	421	6.33	53.29
153.75-155.25	70	371	8.86	46.96
152.25-153.75	57	301	7.22	38.10
150.75-152.25	60	244	7.59	30.89
149.25-150.75	40	184	5.06	23.29
147.75-149.25	42	144	5.32	18.23
146.25-147.75	36	102	4.56	12.91
144.75-146.25	27	66	3.42	8.35
143.25-144.75	8	39	1.01	4.94
141.75-143.25	13	31	1.65	3.92
140.25-141.75	8	18	1.01	2.28
138.75-140.25	7	10	0.89	1.27
137.25-138.75	3	3	0.38	0.38

*IN CENTIMETERS

II-113

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 ARMSCYE CIRCUMFERENCE

THE FREQUENCY TABLES.

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
43.70	MEAN VALUE	17.20
0.15	SE (MEAN)	0.06
4.09	SD DEVIATION	1.61
0.10	SE (SD DEV)	0.04

SYMMETRY---VETA I = 0.56
 KURTOSIS---VETA II = 3.28
 COEF. OF VARIATION = 9.36

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
54.41	99TH	21.42
53.16	98TH	20.93
52.30	97TH	20.59
51.08	95TH	20.11
49.15	90TH	19.35
47.86	85TH	18.84
46.86	80TH	18.45
46.03	75TH	18.12
45.30	70TH	17.84
44.66	65TH	17.58
44.07	60TH	17.35
43.52	55TH	17.13
43.00	50TH	16.93
42.50	45TH	16.73
42.01	40TH	16.54
41.53	35TH	16.35
41.05	30TH	16.16
40.55	25TH	15.96
40.02	20TH	15.76
39.43	15TH	15.52
38.72	10TH	15.24
37.67	5TH	14.83
36.96	3RD	14.55
36.39	2RD	14.33
35.39	1ST	13.93



RANGES*	F	CUMF	FPCT	CUMPCT
58.25- 59.25	1	790	0.13	100.00
57.25- 58.25	1	789	0.13	99.87
56.25- 57.25	1	788	0.13	99.75
55.25- 56.25	2	787	0.25	99.62
54.25- 55.25	3	785	0.38	99.37
53.25- 54.25	8	782	1.01	98.99
52.25- 53.25	10	774	1.27	97.97
51.25- 52.25	9	764	1.14	96.71
50.25- 51.25	16	755	2.03	95.57
49.25- 50.25	22	739	2.78	93.54
48.25- 49.25	31	717	3.92	90.76
47.25- 48.25	40	686	5.06	86.84
46.25- 47.25	49	646	6.20	81.77
45.25- 46.25	40	597	5.06	75.57
44.25- 45.25	56	557	7.09	70.51
43.25- 44.25	90	501	11.39	63.42
42.25- 43.25	78	411	9.87	52.03
41.25- 42.25	86	333	10.89	42.15
40.25- 41.25	70	247	8.86	31.27
39.25- 40.25	80	177	10.13	22.41
38.25- 39.25	37	97	4.68	12.28
37.25- 38.25	30	60	3.80	7.59
36.25- 37.25	16	30	2.03	3.80
35.25- 36.25	8	14	1.01	1.77
34.25- 35.25	4	6	0.51	0.76
33.25- 34.25	1	2	0.13	0.25
32.25- 33.25	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

***** UPPER ARM CIRCUMFERENCE, RELAXED

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPT
35.75- 36.25	2	790	0.25	100.00
35.25- 35.75	0	788	0.00	99.75
34.75- 35.25	3	788	0.38	99.75
34.25- 34.75	2	785	0.25	99.37
33.75- 34.25	3	783	0.38	99.11
33.25- 33.75	3	780	0.38	98.73
32.75- 33.25	19	777	2.41	98.35
32.25- 32.75	12	758	1.52	95.95
31.75- 32.25	25	746	3.16	94.43
31.25- 31.75	5	721	0.63	91.27
30.75- 31.25	25	716	3.16	90.63
30.25- 30.75	17	691	2.15	87.47
29.75- 30.25	53	674	6.71	85.32
29.25- 29.75	13	621	1.65	78.61
28.75- 29.25	66	608	8.35	76.96
28.25- 28.75	18	542	2.28	68.61
27.75- 28.25	66	524	8.35	66.33
27.25- 27.75	17	458	2.15	57.97
26.75- 27.25	83	441	10.51	55.82
26.25- 26.75	29	358	3.67	45.32
25.75- 26.25	99	329	12.53	41.65
25.25- 25.75	34	230	4.30	29.11
24.75- 25.25	82	196	10.38	24.81
24.25- 24.75	31	114	3.92	14.43
23.75- 24.25	40	83	5.06	10.51
23.25- 23.75	9	43	1.14	5.44
22.75- 23.25	19	34	2.41	4.30
22.25- 22.75	7	15	0.89	1.90
21.75- 22.25	7	8	0.89	1.01
21.25- 21.75	0	1	0.00	0.13
20.75- 21.25	0	1	0.00	0.13
20.25- 20.75	0	1	0.00	0.13
19.75- 20.25	0	1	0.00	0.13
19.25- 19.75	0	1	0.00	0.13
18.75- 19.25	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS

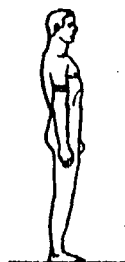
CENTIMETERS		INCHES
27.39	MEAN VALUE	10.78
0.10	SE (MEAN)	0.04
2.71	SD DEVIATION	1.07
0.07	SE (SD DEV)	0.03

SYMMETRY---	VETA I =	0.46
KURTOSIS---	VETA II =	2.81
COEF. OF VARIATION	=	9.90

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
33.96	99TH	13.37
33.42	98TH	13.16
32.99	97TH	12.99
32.32	95TH	12.73
31.16	90TH	12.27
30.34	85TH	11.95
29.69	80TH	11.69
29.13	75TH	11.47
28.63	70TH	11.27
28.19	65TH	11.10
27.79	60TH	10.94
27.40	55TH	10.79
27.04	50TH	10.65
26.69	45TH	10.51
26.36	40TH	10.38
26.02	35TH	10.25
25.69	30TH	10.12
25.35	25TH	9.98
25.00	20TH	9.84
24.61	15TH	9.69
24.16	10TH	9.51
23.52	5TH	9.26
23.10	3RD	9.10
22.78	2RD	8.97
22.21	1ST	8.74



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 BICEPS CIRCUMFERENCE, FLEXED

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES*	F	CUMF	FPCT	CUMPT
40.75- 41.25	1	790	0.13	100.00
40.25- 40.75	0	789	0.00	99.87
39.75- 40.25	0	789	0.00	99.87
39.25- 39.75	1	789	0.13	99.87
38.75- 39.25	2	788	0.25	99.75
38.25- 38.75	1	786	0.13	99.49
37.75- 38.25	3	785	0.38	99.37
37.25- 37.75	3	782	0.38	98.99
36.75- 37.25	7	779	0.89	98.61
36.25- 36.75	2	772	0.25	97.72
35.75- 36.25	20	770	2.53	97.47
35.25- 35.75	9	750	1.14	94.94
34.75- 35.25	18	741	2.28	93.80
34.25- 34.75	6	723	0.76	91.52
33.75- 34.25	33	717	4.18	90.76
33.25- 33.75	8	684	1.01	86.58
32.75- 33.25	32	676	4.05	85.57
32.25- 32.75	12	644	1.52	81.52
31.75- 32.25	51	632	6.46	80.00
31.25- 31.75	17	581	2.15	73.54
30.75- 31.25	75	564	9.49	71.39
30.25- 30.75	19	489	2.41	61.90
29.75- 30.25	85	470	10.76	59.49
29.25- 29.75	19	385	2.41	48.73
28.75- 29.25	83	366	10.51	46.33
28.25- 28.75	27	283	3.42	35.82
27.75- 28.25	96	256	12.15	32.41
27.25- 27.75	22	160	2.78	20.25
26.75- 27.25	69	138	8.73	17.47
26.25- 26.75	8	69	1.01	8.73
25.75- 26.25	31	61	3.92	7.72
25.25- 25.75	11	30	1.39	3.80
24.75- 25.25	11	19	1.39	2.41
24.25- 24.75	4	8	0.51	1.01
23.75- 24.25	1	4	0.13	0.51
23.25- 23.75	2	3	0.25	0.38
22.75- 23.25	0	1	0.00	0.13
22.25- 22.75	0	1	0.00	0.13
21.75- 22.25	0	1	0.00	0.13
21.25- 21.75	0	1	0.00	0.13
20.75- 21.25	1	1	0.13	0.13

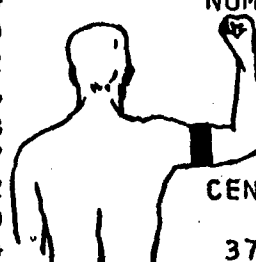
CENTIMETERS	INCHES
30.07	MEAN VALUE 11.84
0.10	SE(MEAN) 0.04
2.94	SD DEVIATION 1.16
0.07	SE(SD DEV) 0.03

SYMMETRY---VETA I = 0.58
 KURTOSIS---VETA II = 3.17
 COEF. OF VARIATION = 9.77

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS	INCHES
37.77	99TH 14.87
36.92	98TH 14.54
36.33	97TH 14.30
35.47	95TH 13.96
34.10	90TH 13.42
33.17	85TH 13.06
32.45	80TH 12.77
31.84	75TH 12.54
31.32	70TH 12.33
30.85	65TH 12.15
30.42	60TH 11.98
30.03	55TH 11.82
29.65	50TH 11.67
29.29	45TH 11.53
28.94	40TH 11.39
28.60	35TH 11.26
28.26	30TH 11.13
27.91	25TH 10.99
27.54	20TH 10.84
27.14	15TH 10.69
26.67	10TH 10.50
26.00	5TH 10.24
25.56	3RD 10.06
25.21	2RD 9.93
24.61	1ST 9.69



*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

FOREARM CIRCUMFERENCE, FLEXED

THE FREQUENCY TABLES

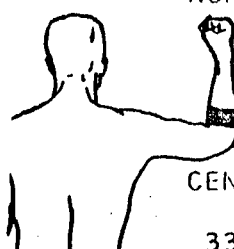
THE SUMMARY STATISTICS

RANGES*	F	CUMF	FPCT	CUMPCT
33.75- 34.05	2	790	0.25	100.00
33.45- 33.75	2	788	0.25	99.75
33.15- 33.45	0	786	0.00	99.49
32.85- 33.15	7	786	0.89	99.49
32.55- 32.85	0	779	0.00	98.61
32.25- 32.55	0	779	0.00	98.61
31.95- 32.25	14	779	1.77	98.61
31.65- 31.95	1	765	0.13	96.84
31.35- 31.65	4	764	0.51	96.71
31.05- 31.35	2	760	0.25	96.20
30.75- 31.05	24	758	3.04	95.95
30.45- 30.75	8	734	1.01	92.91
30.15- 30.45	3	726	0.38	91.90
29.85- 30.15	39	723	4.94	91.52
29.55- 29.85	7	684	0.89	86.58
29.25- 29.55	13	677	1.65	85.70
28.95- 29.25	60	664	7.59	84.05
28.65- 28.95	5	604	0.63	76.46
28.35- 28.65	21	599	2.66	75.82
28.05- 28.35	5	578	0.63	73.16
27.75- 28.05	79	573	10.00	72.53
27.45- 27.75	37	494	4.68	62.53
27.15- 27.45	10	457	1.27	57.85
26.85- 27.15	91	447	11.52	56.58
26.55- 26.85	8	356	1.01	45.06
26.25- 26.55	26	348	3.29	44.05
25.95- 26.25	102	322	12.91	40.76
25.65- 25.95	4	220	0.51	27.85
25.35- 25.65	35	216	4.43	27.34
25.05- 25.35	10	181	1.27	22.91
24.75- 25.05	75	171	9.49	21.65
24.45- 24.75	28	96	3.54	12.15
24.15- 24.45	1	68	0.13	8.61
23.85- 24.15	33	67	4.18	8.48
23.55- 23.85	3	34	0.38	4.30
23.25- 23.55	9	31	1.14	3.92
22.95- 23.25	15	22	1.90	2.78
22.65- 22.95	0	7	0.00	0.89
22.35- 22.65	1	7	0.13	0.89
22.05- 22.35	0	6	0.00	0.76
21.75- 22.05	4	6	0.51	0.76
21.45- 21.75	1	2	0.13	0.25
21.15- 21.45	0	1	0.00	0.13
20.85- 21.15	1	1	0.13	0.13

CENTIMETERS	INCHES
27.11	MEAN VALUE 10.67
0.08	SE(MEAN) 0.03
2.22	SD DEVIATION 0.87
0.06	SE(SD DEV) 0.02

SYMMETRY---VETA I = 0.37
KURTOSIS---VETA II = 2.95
COEF. OF VARIATION = 8.17

NUMBER OF SUBJECTS = 790.



THE PERCENTILES

CENTIMETERS	INCHES
33.01	99TH 13.00
32.23	98TH 12.69
31.73	97TH 12.49
31.08	95TH 12.23
30.09	90TH 11.85
29.45	85TH 11.59
28.95	80TH 11.40
28.53	75TH 11.23
28.16	70TH 11.09
27.83	65TH 10.96
27.52	60TH 10.83
27.23	55TH 10.72
26.94	50TH 10.61
26.66	45TH 10.50
26.39	40TH 10.39
26.11	35TH 10.28
25.82	30TH 10.17
25.52	25TH 10.05
25.20	20TH 9.92
24.83	15TH 9.78
24.40	10TH 9.61
23.81	5TH 9.37
23.46	3RD 9.24
23.22	2RD 9.14
22.87	1ST 9.01

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR WRIST CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPT
19.95- 20.15	2	790	0.25	100.00
19.75- 19.95	0	788	0.00	99.75
19.55- 19.75	0	788	0.00	99.75
19.35- 19.55	2	788	0.25	99.75
19.15- 19.35	2	786	0.25	99.49
18.95- 19.15	16	784	2.03	99.24
18.75- 18.95	0	768	0.00	97.22
18.55- 18.75	3	768	0.38	97.22
18.35- 18.55	19	765	2.41	96.84
18.15- 18.35	5	746	0.63	94.43
17.95- 18.15	85	741	10.76	93.80
17.75- 17.95	6	656	0.76	83.04
17.55- 17.75	11	650	1.39	82.28
17.35- 17.55	48	639	6.08	80.89
17.15- 17.35	20	591	2.53	74.81
16.95- 17.15	154	571	19.49	72.28
16.75- 16.95	15	417	1.90	52.78
16.55- 16.75	23	402	2.91	50.89
16.35- 16.55	79	379	10.00	47.97
16.15- 16.35	29	300	3.67	37.97
15.95- 16.15	161	271	20.38	34.30
15.75- 15.95	7	110	0.89	13.92
15.55- 15.75	9	103	1.14	13.04
15.35- 15.55	41	94	5.19	11.90
15.15- 15.35	19	53	2.41	6.71
14.95- 15.15	27	34	3.42	4.30
14.75- 14.95	1	7	0.13	0.89
14.55- 14.75	1	6	0.13	0.76
14.35- 14.55	2	5	0.25	0.63
14.15- 14.35	2	3	0.25	0.38
13.95- 14.15	1	1	0.13	0.13



THE SUMMARY STATISTICS

CENTIMETERS	INCHES
16.74 MEAN VALUE	6.59
0.03 SE(MEAN)	0.01
0.97 SD DEVIATION	0.38
0.02 SE(SD DEV)	0.01

SYMMETRY---VETA I =	0.31
KURTOSIS---VETA II =	2.91
COEF. OF VARIATION =	5.82

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS	INCHES
19.17	99TH 7.55
18.89	98TH 7.44
18.71	97TH 7.37
18.46	95TH 7.27
18.07	90TH 7.11
17.80	85TH 7.01
17.59	80TH 6.92
17.40	75TH 6.85
17.24	70TH 6.79
17.09	65TH 6.73
16.95	60TH 6.67
16.82	55TH 6.62
16.69	50TH 6.57
16.56	45TH 6.52
16.44	40TH 6.47
16.31	35TH 6.42
16.18	30TH 6.37
16.04	25TH 6.32
15.90	20TH 6.26
15.73	15TH 6.19
15.54	10TH 6.12
15.28	5TH 6.02
15.13	3RD 5.96
15.04	2RD 5.92
14.90	1ST 5.87

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

***** HAND CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMFCT
24.95- 25.15	1	790	0.13	100.00
24.75- 24.95	0	789	0.00	99.87
24.55- 24.75	0	789	0.00	99.87
24.35- 24.55	0	789	0.00	99.87
24.15- 24.35	1	789	0.13	99.87
23.95- 24.15	9	788	1.14	99.75
23.75- 23.95	0	779	0.00	98.61
23.55- 23.75	1	779	0.13	98.61
23.35- 23.55	2	778	0.25	98.48
23.15- 23.35	3	776	0.38	98.23
22.95- 23.15	39	773	4.94	97.85
22.75- 22.95	1	734	0.13	92.91
22.55- 22.75	0	733	0.00	92.78
22.35- 22.55	26	733	3.29	92.78
22.15- 22.35	15	707	1.90	89.49
21.95- 22.15	128	692	16.20	87.59
21.75- 21.95	9	564	1.14	71.39
21.55- 21.75	9	555	1.14	70.25
21.35- 21.55	62	546	7.85	69.11
21.15- 21.35	16	484	2.03	61.27
20.95- 21.15	170	468	21.52	59.24
20.75- 20.95	14	298	1.77	37.72
20.55- 20.75	7	284	0.89	35.95
20.35- 20.55	58	277	7.34	35.06
20.15- 20.35	14	219	1.77	27.72
19.95- 20.15	134	205	16.96	25.95
19.75- 19.95	1	71	0.13	8.99
19.55- 19.75	2	70	0.25	8.86
19.35- 19.55	18	68	2.28	8.61
19.15- 19.35	2	50	0.25	6.33
18.95- 19.15	30	48	3.80	6.08
18.75- 18.95	0	18	0.00	2.28
18.55- 18.75	0	18	0.00	2.28
18.35- 18.55	11	18	1.39	2.28
18.15- 18.35	1	7	0.13	0.89
17.95- 18.15	4	6	0.51	0.76
17.75- 17.95	0	2	0.00	0.25
17.55- 17.75	0	2	0.00	0.25
17.35- 17.55	0	2	0.00	0.25
17.15- 17.35	1	2	0.13	0.25
16.95- 17.15	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
21.05	MEAN VALUE	8.29
0.04	SE(MEAN)	0.02
1.13	SD DEVIATION	0.44
0.03	SE(SD DEV)	0.01

SYMMETRY---	VETA I =	-0.02
KURTOSIS---	VETA II =	3.29
COEF. OF VARIATION	=	5.36

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
23.87	99TH	9.40
23.45	98TH	9.23
23.20	97TH	9.14
22.89	95TH	9.01
22.45	90TH	8.84
22.17	85TH	8.73
21.96	80TH	8.65
21.78	75TH	8.58
21.62	70TH	8.51
21.48	65TH	8.46
21.34	60TH	8.40
21.21	55TH	8.35
21.08	50TH	8.30
20.94	45TH	8.25
20.81	40TH	8.19
20.66	35TH	8.14
20.51	30TH	8.08
20.35	25TH	8.01
20.16	20TH	7.94
19.93	15TH	7.85
19.64	10TH	7.73
19.20	5TH	7.56
18.90	3RD	7.44
18.67	2RD	7.35
18.32	1ST	7.21



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

CRUTCH-THIGH CIRCUMFERENCE

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS INCHES

53.36 MEAN VALUE 21.01
0.18 SE (MEAN) 0.07
4.96 SD DEVIATION 1.95
0.12 SE (SD DEV) 0.05

SYMMETRY---VETA I = 0.33
KURTOSIS---VETA II = 3.04
CQEF. OF VARIATION = 9.30

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS INCHES

65.10	99TH	25.63
63.94	98TH	25.17
63.11	97TH	24.85
61.89	95TH	24.37
59.88	90TH	23.58
58.48	85TH	23.02
57.37	80TH	22.59
56.42	75TH	22.21
55.58	70TH	21.88
54.82	65TH	21.58
54.10	60TH	21.30
53.43	55TH	21.04
52.78	50TH	20.78
52.15	45TH	20.53
51.52	40TH	20.28
50.89	35TH	20.04
50.25	30TH	19.78
49.58	25TH	19.52
48.86	20TH	19.24
48.06	15TH	18.92
47.09	10TH	18.54
45.70	5TH	17.99
44.81	3RD	17.64
44.15	2RD	17.38
43.06	1ST	16.95



RANGES*	F	CUMF	FPCT	CUMPT
71.25- 72.25	1	790	0.13	100.00
70.25- 71.25	0	789	0.00	99.87
69.25- 70.25	1	789	0.13	99.87
68.25- 69.25	0	788	0.00	99.75
67.25- 68.25	1	788	0.13	99.75
66.25- 67.25	2	787	0.25	99.62
65.25- 66.25	2	785	0.25	99.37
64.25- 65.25	6	783	0.76	99.11
63.25- 64.25	9	777	1.14	98.35
62.25- 63.25	9	768	1.14	97.22
61.25- 62.25	20	759	2.53	96.08
60.25- 61.25	20	739	2.53	93.54
59.25- 60.25	30	719	3.80	91.01
58.25- 59.25	30	689	3.80	87.22
57.25- 58.25	34	659	4.30	83.42
56.25- 57.25	40	625	5.06	79.11
55.25- 56.25	44	585	5.57	74.05
54.25- 55.25	52	541	6.58	68.48
53.25- 54.25	58	489	7.34	61.90
52.25- 53.25	66	431	8.35	54.56
51.25- 52.25	66	365	8.35	46.20
50.25- 51.25	57	299	7.22	37.85
49.25- 50.25	75	242	9.49	30.63
48.25- 49.25	49	167	6.20	21.14
47.25- 48.25	41	118	5.19	14.94
46.25- 47.25	25	77	3.16	9.75
45.25- 46.25	19	52	2.41	6.58
44.25- 45.25	13	33	1.65	4.18
43.25- 44.25	13	20	1.65	2.53
42.25- 43.25	2	7	0.25	0.89
41.25- 42.25	1	5	0.13	0.63
40.25- 41.25	3	4	0.38	0.51
39.25- 40.25	0	1	0.00	0.13
38.25- 39.25	0	1	0.00	0.13
37.25- 38.25	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 LOWER THIGH CIRCUMFERENCE

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES*	F	CUMF	FPCT	CUMPT
46.75- 47.25	1	790	0.13	100.00
46.25- 46.75	0	789	0.00	99.87
45.75- 46.25	1	789	0.13	99.87
45.25- 45.75	0	788	0.00	99.75
44.75- 45.25	3	788	0.38	99.75
44.25- 44.75	1	785	0.13	99.37
43.75- 44.25	8	784	1.01	99.24
43.25- 43.75	5	776	0.63	98.23
42.75- 43.25	17	771	2.15	97.59
42.25- 42.75	3	754	0.38	95.44
41.75- 42.25	22	751	2.78	95.06
41.25- 41.75	6	729	0.76	92.28
40.75- 41.25	41	723	5.19	91.52
40.25- 40.75	9	682	1.14	86.33
39.75- 40.25	42	673	5.32	85.19
39.25- 39.75	8	631	1.01	79.87
38.75- 39.25	52	623	6.58	78.86
38.25- 38.75	15	571	1.90	72.28
37.75- 38.25	80	556	10.13	70.38
37.25- 37.75	21	476	2.66	60.25
36.75- 37.25	83	455	10.51	57.59
36.25- 36.75	15	372	1.90	47.09
35.75- 36.25	86	357	10.89	45.19
35.25- 35.75	16	271	2.03	34.30
34.75- 35.25	62	255	7.85	32.28
34.25- 34.75	25	193	3.16	24.43
33.75- 34.25	69	168	8.73	21.27
33.25- 33.75	15	99	1.90	12.53
32.75- 33.25	51	84	6.46	10.63
32.25- 32.75	5	33	0.63	4.18
31.75- 32.25	14	28	1.77	3.54
31.25- 31.75	2	14	0.25	1.77
30.75- 31.25	6	12	0.76	1.52
30.25- 30.75	1	6	0.13	0.76
29.75- 30.25	4	5	0.51	0.63
29.25- 29.75	0	1	0.00	0.13
28.75- 29.25	0	1	0.00	0.13
28.25- 28.75	0	1	0.00	0.13
27.75- 28.25	0	1	0.00	0.13
27.25- 27.75	0	1	0.00	0.13
26.75- 27.25	0	1	0.00	0.13
26.25- 26.75	1	1	0.13	0.13

CENTIMETERS		INCHES
37.00	MEAN VALUE	14.57
0.11	SE(MEAN)	0.04
3.01	SD DEVIATION	1.18
0.08	SE(SD DEV)	0.03

SYMMETRY---	VETA I	=	0.31
KURTOSIS---	VETA II	=	2.85
COEF. OF VARIATION	=		8.13

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
44.13	99TH	17.37
43.53	98TH	17.14
43.07	97TH	16.96
42.36	95TH	16.68
41.14	90TH	16.20
40.27	85TH	15.85
39.58	80TH	15.58
38.98	75TH	15.35
38.46	70TH	15.14
37.98	65TH	14.95
37.54	60TH	14.78
37.13	55TH	14.62
36.73	50TH	14.46
36.34	45TH	14.31
35.96	40TH	14.16
35.58	35TH	14.01
35.20	30TH	13.86
34.81	25TH	13.70
34.39	20TH	13.54
33.92	15TH	13.36
33.37	10TH	13.14
32.59	5TH	12.83
32.08	3RD	12.63
31.69	2RD	12.48
31.04	1ST	12.22



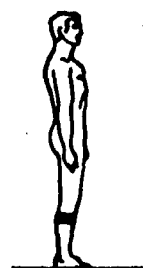
*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

..... CALF CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPT
42.75- 43.25	1	790	0.13	100.00
42.25- 42.75	2	789	0.25	99.87
41.75- 42.25	5	787	0.63	99.62
41.25- 41.75	1	782	0.13	98.99
40.75- 41.25	4	781	0.51	98.86
40.25- 40.75	4	777	0.51	98.35
39.75- 40.25	11	773	1.39	97.85
39.25- 39.75	8	762	1.01	96.46
38.75- 39.25	18	754	2.28	95.44
38.25- 38.75	10	736	1.27	93.16
37.75- 38.25	25	726	3.16	91.90
37.25- 37.75	22	701	2.78	88.73
36.75- 37.25	35	679	4.43	85.95
36.25- 36.75	22	644	2.78	81.52
35.75- 36.25	68	622	8.61	78.73
35.25- 35.75	27	554	3.42	70.13
34.75- 35.25	71	527	8.99	66.71
34.25- 34.75	48	456	6.08	57.72
33.75- 34.25	87	408	11.01	51.65
33.25- 33.75	25	321	3.16	40.63
32.75- 33.25	96	296	12.15	37.47
32.25- 32.75	36	200	4.56	25.32
31.75- 32.25	59	164	7.47	20.76
31.25- 31.75	20	105	2.53	13.29
30.75- 31.25	39	85	4.94	10.76
30.25- 30.75	13	46	1.65	5.82
29.75- 30.25	20	33	2.53	4.18
29.25- 29.75	2	13	0.25	1.65
28.75- 29.25	8	11	1.01	1.39
28.25- 28.75	1	3	0.13	0.38
27.75- 28.25	0	2	0.00	0.25
27.25- 27.75	1	2	0.13	0.25
26.75- 27.25	1	1	0.13	0.13



CENTIMETERS	INCHES
34.43 MEAN VALUE	13.55
0.09 SE(MEAN)	0.04
2.61 SD DEVIATION	1.03
0.07 SE(SD DEV)	0.03

SYMMETRY---VETA I =	0.42
KURTOSIS---VETA II =	3.15
COEF. OF VARIATION =	7.59

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS	INCHES
41.65	99TH 16.40
40.59	98TH 15.98
39.95	97TH 15.73
39.11	95TH 15.40
37.89	90TH 14.92
37.11	85TH 14.61
36.53	80TH 14.38
36.04	75TH 14.19
35.61	70TH 14.02
35.23	65TH 13.87
34.88	60TH 13.73
34.54	55TH 13.60
34.22	50TH 13.47
33.91	45TH 13.35
33.59	40TH 13.23
33.28	35TH 13.10
32.95	30TH 12.97
32.61	25TH 12.84
32.23	20TH 12.69
31.80	15TH 12.52
31.27	10TH 12.31
30.51	5TH 12.01
30.03	3RD 11.82
29.68	2RD 11.69
29.13	1ST 11.47

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

***** ANKLE CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPT
25.95- 26.15	2	790	0.25	100.00
25.75- 25.95	1	788	0.13	99.75
25.55- 25.75	0	787	0.00	99.62
25.35- 25.55	3	787	0.38	99.62
25.15- 25.35	0	784	0.00	99.24
24.95- 25.15	7	784	0.89	99.24
24.75- 24.95	1	777	0.13	98.35
24.55- 24.75	0	776	0.00	98.23
24.35- 24.55	7	776	0.89	98.23
24.15- 24.35	2	769	0.25	97.34
23.95- 24.15	27	767	3.42	97.09
23.75- 23.95	1	740	0.13	93.67
23.55- 23.75	0	739	0.00	93.54
23.35- 23.55	24	739	3.04	93.54
23.15- 23.35	14	715	1.77	90.51
22.95- 23.15	75	701	9.49	88.73
22.75- 22.95	11	626	1.39	79.24
22.55- 22.75	7	615	0.89	77.85
22.35- 22.55	30	608	3.80	76.96
22.15- 22.35	33	578	4.18	73.16
21.95- 22.15	98	545	12.41	68.99
21.75- 21.95	15	447	1.90	56.58
21.55- 21.75	9	432	1.14	54.68
21.35- 21.55	64	423	8.10	53.54
21.15- 21.35	24	359	3.04	45.44
20.95- 21.15	128	335	16.20	42.41
20.75- 20.95	16	207	2.03	26.20
20.55- 20.75	10	191	1.27	24.18
20.35- 20.55	45	181	5.70	22.91
20.15- 20.35	19	136	2.41	17.22
19.95- 20.15	70	117	8.86	14.81
19.75- 19.95	11	47	1.39	5.95
19.55- 19.75	3	36	0.38	4.56
19.35- 19.55	14	33	1.77	4.18
19.15- 19.35	2	19	0.25	2.41
18.95- 19.15	11	17	1.39	2.15
18.75- 18.95	2	6	0.25	0.76
18.55- 18.75	1	4	0.13	0.51
18.35- 18.55	2	3	0.25	0.38
18.15- 18.35	0	1	0.00	0.13
17.95- 18.15	0	1	0.00	0.13
17.75- 17.95	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
21.62	MEAN VALUE	8.51
0.05	SE(MEAN)	0.02
1.31	SD DEVIATION	0.52
0.03	SE(SD DEV)	0.01

SYMMETRY---	VETA I =	0.37
KURTOSIS---	VETA II =	3.07
COEF. OF VARIATION =		6.07

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
25.00	99TH	9.84
24.57	98TH	9.67
24.30	97TH	9.57
23.94	95TH	9.42
23.38	90TH	9.21
23.02	85TH	9.06
22.73	80TH	8.95
22.49	75TH	8.85
22.28	70TH	8.77
22.08	65TH	8.69
21.90	60TH	8.62
21.73	55TH	8.56
21.56	50TH	8.49
21.40	45TH	8.43
21.24	40TH	8.36
21.07	35TH	8.30
20.90	30TH	8.23
20.72	25TH	8.16
20.52	20TH	8.08
20.30	15TH	7.99
20.02	10TH	7.88
19.64	5TH	7.73
19.40	3RD	7.64
19.23	2RD	7.57
18.98	1ST	7.47



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HEAD HEIGHT (TRAGION-TO-VERTEX)

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
13.18	MEAN VALUE	5.19
0.03	SE (MEAN)	0.01
0.79	SD DEVIATION	0.31
0.02	SE (SD DEV)	0.01

SYMMETRY---	VETA I = -0.98
KURTOSIS---	VETA II = 5.34
COEF. OF VARIATION	= 6.00

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
14.77	99TH	5.81
14.57	98TH	5.74
14.45	97TH	5.69
14.29	95TH	5.63
14.05	90TH	5.53
13.89	85TH	5.47
13.77	80TH	5.42
13.67	75TH	5.38
13.58	70TH	5.35
13.50	65TH	5.32
13.42	60TH	5.28
13.35	55TH	5.25
13.27	50TH	5.22
13.19	45TH	5.19
13.10	40TH	5.16
13.01	35TH	5.12
12.91	30TH	5.08
12.79	25TH	5.04
12.64	20TH	4.98
12.46	15TH	4.90
12.18	10TH	4.80
11.67	5TH	4.60
11.27	3RD	4.44
10.92	2RD	4.30
10.29	1ST	4.05



RANGES*	F	CUMF	FPCT	CUMPCT
15.15- 15.35	3	790	0.38	100.00
14.95- 15.15	1	787	0.13	99.62
14.75- 14.95	5	786	0.63	99.49
14.55- 14.75	6	781	0.76	98.86
14.35- 14.55	14	775	1.77	98.10
14.15- 14.35	32	761	4.05	96.33
13.95- 14.15	56	729	7.09	92.28
13.75- 13.95	54	673	6.84	85.19
13.55- 13.75	74	619	9.37	78.35
13.35- 13.55	94	545	11.90	68.99
13.15- 13.35	107	451	13.54	57.09
12.95- 13.15	87	344	11.01	43.54
12.75- 12.95	65	257	8.23	32.53
12.55- 12.75	63	192	7.97	24.30
12.35- 12.55	48	129	6.08	16.33
12.15- 12.35	29	81	3.67	10.25
11.95- 12.15	8	52	1.01	6.58
11.75- 11.95	7	44	0.89	5.57
11.55- 11.75	4	37	0.51	4.68
11.35- 11.55	5	33	0.63	4.18
11.15- 11.35	3	28	0.38	3.54
10.95- 11.15	6	25	0.76	3.16
10.75- 10.95	0	19	0.00	2.41
10.55- 10.75	8	19	1.01	2.41
10.35- 10.55	7	11	0.89	1.39
10.15- 10.35	1	4	0.13	0.51
9.95- 10.15	2	3	0.25	0.38
9.75- 9.95	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....
HEAD LENGTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

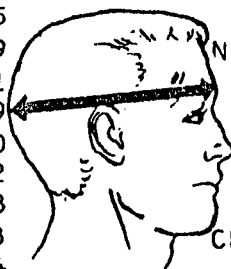
CENTIMETERS	INCHES
18.85 MEAN VALUE	7.42
0.03 SE(MEAN)	0.01
0.72 SD DEVIATION	0.28
0.02 SE(SD DEV)	0.01

SYMMETRY---VETA I = -0.11
KURTOSIS---VETA II = 2.83
COEF. OF VARIATION = 3.81

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS	INCHES
20.41	99TH 8.04
20.25	98TH 7.97
20.15	97TH 7.93
20.00	95TH 7.88
19.77	90TH 7.78
19.61	85TH 7.72
19.48	80TH 7.67
19.36	75TH 7.62
19.25	70TH 7.58
19.16	65TH 7.54
19.06	60TH 7.50
18.97	55TH 7.47
18.87	50TH 7.43
18.78	45TH 7.39
18.69	40TH 7.36
18.59	35TH 7.32
18.48	30TH 7.28
18.37	25TH 7.23
18.24	20TH 7.18
18.09	15TH 7.12
17.90	10TH 7.05
17.63	5TH 6.94
17.46	3RD 6.87
17.34	2RD 6.83
17.15	1ST 6.75



RANGES*	F	CUMF	FPCT	CUMPT
20.95- 21.15	1	790	0.13	100.00
20.75- 20.95	1	789	0.13	99.87
20.55- 20.75	2	788	0.25	99.75
20.35- 20.55	7	786	0.89	99.49
20.15- 20.35	8	779	1.01	98.61
19.95- 20.15	30	771	3.80	97.59
19.75- 19.95	33	741	4.18	93.80
19.55- 19.75	60	708	7.59	89.62
19.35- 19.55	60	648	7.59	82.03
19.15- 19.35	71	588	8.99	74.43
18.95- 19.15	97	517	12.28	65.44
18.75- 18.95	69	420	8.73	53.16
18.55- 18.75	93	351	11.77	44.43
18.35- 18.55	60	258	7.59	32.66
18.15- 18.35	61	198	7.72	25.06
17.95- 18.15	61	137	7.72	17.34
17.75- 17.95	23	76	2.91	9.62
17.55- 17.75	19	53	2.41	6.71
17.35- 17.55	19	34	2.41	4.30
17.15- 17.35	7	15	0.89	1.90
16.95- 17.15	7	8	0.89	1.01
16.75- 16.95	0	1	0.00	0.13
16.55- 16.75	0	1	0.00	0.13
16.35- 16.55	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

..... HEAD BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMFCT
17.25- 17.35	1	790	0.13	100.00
17.15- 17.25	4	789	0.51	99.87
17.05- 17.15	0	785	0.00	99.37
16.95- 17.05	0	785	0.00	99.37
16.85- 16.95	0	785	0.00	99.37
16.75- 16.85	1	785	0.13	99.37
16.65- 16.75	1	784	0.13	99.24
16.55- 16.65	4	783	0.51	99.11
16.45- 16.55	9	779	1.14	98.61
16.35- 16.45	5	770	0.63	97.47
16.25- 16.35	2	765	0.25	96.84
16.15- 16.25	16	763	2.03	96.58
16.05- 16.15	8	747	1.01	94.56
15.95- 16.05	25	739	3.16	93.54
15.85- 15.95	17	714	2.15	90.38
15.75- 15.85	38	697	4.81	88.23
15.65- 15.75	25	659	3.16	83.42
15.55- 15.65	33	634	4.18	80.25
15.45- 15.55	46	601	5.82	76.08
15.35- 15.45	27	555	3.42	70.25
15.25- 15.35	51	528	6.46	66.84
15.15- 15.25	46	477	5.82	60.38
15.05- 15.15	39	431	4.94	54.56
14.95- 15.05	70	392	8.86	49.62
14.85- 14.95	35	322	4.43	40.76
14.75- 14.85	62	287	7.85	36.33
14.65- 14.75	41	225	5.19	28.48
14.55- 14.65	44	184	5.57	23.29
14.45- 14.55	41	140	5.19	17.72
14.35- 14.45	22	99	2.78	12.53
14.25- 14.35	23	77	2.91	9.75
14.15- 14.25	22	54	2.78	6.84
14.05- 14.15	8	32	1.01	4.05
13.95- 14.05	8	24	1.01	3.04
13.85- 13.95	5	16	0.63	2.03
13.75- 13.85	4	11	0.51	1.39
13.65- 13.75	3	7	0.38	0.89
13.55- 13.65	2	4	0.25	0.51
13.45- 13.55	0	2	0.00	0.25
13.35- 13.45	0	2	0.00	0.25
13.25- 13.35	0	2	0.00	0.25
13.15- 13.25	0	2	0.00	0.25
13.05- 13.15	0	2	0.00	0.25
12.95- 13.05	0	2	0.00	0.25
12.85- 12.95	1	2	0.13	0.25
12.75- 12.85	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
15.12 MEAN VALUE	5.95
0.02 SE(MEAN)	0.01
0.62 SD DEVIATION	0.25
0.02 SE(SD DEV)	0.01

SYMMETRY---VETA I =	0.25
KURTOSIS---VETA II =	3.42
COEF. OF VARIATION =	4.13

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS	INCHES
16.63	99TH 6.55
16.48	98TH 6.49
16.36	97TH 6.44
16.21	95TH 6.38
15.95	90TH 6.28
15.78	85TH 6.21
15.64	80TH 6.16
15.52	75TH 6.11
15.42	70TH 6.07
15.33	65TH 6.03
15.24	60TH 6.00
15.16	55TH 5.97
15.08	50TH 5.94
15.00	45TH 5.91
14.92	40TH 5.88
14.85	35TH 5.85
14.77	30TH 5.81
14.69	25TH 5.78
14.59	20TH 5.75
14.49	15TH 5.71
14.36	10TH 5.66
14.17	5TH 5.58
14.05	3RD 5.53
13.95	2RD 5.49
13.78	1ST 5.42



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

FACE BREADTH

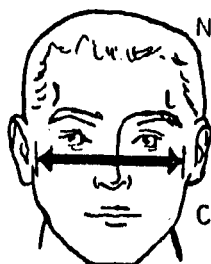
THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
12.13	MEAN VALUE	4.77
0.02	SE(MEAN)	0.01
0.62	SD DEVIATION	0.25
0.02	SE(SD DEV)	0.01

SYMMETRY---	VETA I =	0.12
KURTOSIS---	VETA II =	3.05
COEF. OF VARIATION =		5.14

RANGES*	F	CUMF	FPCT	CUMPCT
14.15- 14.35	1	790	0.13	100.00
13.95- 14.15	2	789	0.25	99.87
13.75- 13.95	3	787	0.38	99.62
13.55- 13.75	9	784	1.14	99.24
13.35- 13.55	9	775	1.14	98.10
13.15- 13.35	17	766	2.15	96.96
12.95- 13.15	27	749	3.42	94.81
12.75- 12.95	48	722	6.08	91.39
12.55- 12.75	74	674	9.37	85.32
12.35- 12.55	93	600	11.77	75.95
12.15- 12.35	106	507	13.42	64.18
11.95- 12.15	104	401	13.16	50.76
11.75- 11.95	86	297	10.89	37.59
11.55- 11.75	62	211	7.85	26.71
11.35- 11.55	68	149	8.61	18.86
11.15- 11.35	28	81	3.54	10.25
10.95- 11.15	30	53	3.80	6.71
10.75- 10.95	18	23	2.28	2.91
10.55- 10.75	5	5	0.63	0.63



NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
13.74	99TH	5.41
13.49	98TH	5.31
13.34	97TH	5.25
13.16	95TH	5.18
12.92	90TH	5.08
12.76	85TH	5.02
12.64	80TH	4.98
12.54	75TH	4.94
12.45	70TH	4.90
12.37	65TH	4.87
12.29	60TH	4.84
12.21	55TH	4.81
12.13	50TH	4.78
12.06	45TH	4.75
11.97	40TH	4.71
11.89	35TH	4.68
11.80	30TH	4.65
11.70	25TH	4.61
11.59	20TH	4.56
11.47	15TH	4.51
11.31	10TH	4.45
11.09	5TH	4.37
10.96	3RD	4.31
10.88	2RD	4.28
10.77	1ST	4.24

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 BITRAGION DIAMETER

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

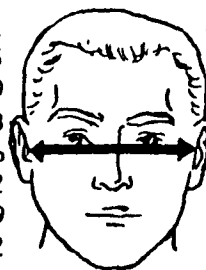
CENTIMETERS INCHES
 13.49 MEAN VALUE 5.31
 0.02 SE(MEAN) 0.01
 0.57 SD DEVIATION 0.22
 0.01 SE(SD DEV) 0.01

SYMMETRY---VETA I = 0.13
 KURTOSIS---VETA II = 3.08
 COEF. OF VARIATION = 4.20

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS INCHES
 14.87 99TH 5.85
 14.70 98TH 5.79
 14.60 97TH 5.75
 14.46 95TH 5.69
 14.24 90TH 5.60
 14.09 85TH 5.55
 13.97 80TH 5.50
 13.87 75TH 5.46
 13.78 70TH 5.42
 13.70 65TH 5.39
 13.62 60TH 5.36
 13.55 55TH 5.33
 13.47 50TH 5.30
 13.40 45TH 5.28
 13.33 40TH 5.25
 13.26 35TH 5.22
 13.18 30TH 5.19
 13.10 25TH 5.16
 13.01 20TH 5.12
 12.91 15TH 5.08
 12.78 10TH 5.03
 12.59 5TH 4.96
 12.47 3RD 4.91
 12.38 2RD 4.87
 12.24 1ST 4.82



RANGES*	F	CUMF	FPCT	CUMPT
15.25- 15.35	1	790	0.13	100.00
15.15- 15.25	1	789	0.13	99.87
15.05- 15.15	1	788	0.13	99.75
14.95- 15.05	4	787	0.51	99.62
14.85- 14.95	1	783	0.13	99.11
14.75- 14.85	4	782	0.51	98.99
14.65- 14.75	6	778	0.76	98.48
14.55- 14.65	13	772	1.65	97.72
14.45- 14.55	17	759	2.15	96.08
14.35- 14.45	8	742	1.01	93.92
14.25- 14.35	21	734	2.66	92.91
14.15- 14.25	25	713	3.16	90.25
14.05- 14.15	23	688	2.91	87.09
13.95- 14.05	42	665	5.32	84.18
13.85- 13.95	24	623	3.04	78.86
13.75- 13.85	54	599	6.84	75.82
13.65- 13.75	44	545	5.57	68.99
13.55- 13.65	67	501	8.48	63.42
13.45- 13.55	63	434	7.97	54.94
13.35- 13.45	45	371	5.70	46.96
13.25- 13.35	57	326	7.22	41.27
13.15- 13.25	51	269	6.46	34.05
13.05- 13.15	45	218	5.70	27.59
12.95- 13.05	47	173	5.95	21.90
12.85- 12.95	32	126	4.05	15.95
12.75- 12.85	31	94	3.92	11.90
12.65- 12.75	7	63	0.89	7.97
12.55- 12.65	19	56	2.41	7.09
12.45- 12.55	15	37	1.90	4.68
12.35- 12.45	7	22	0.89	2.78
12.25- 12.35	8	15	1.01	1.90
12.15- 12.25	1	7	0.13	0.89
12.05- 12.15	2	6	0.25	0.76
11.95- 12.05	2	4	0.25	0.51
11.85- 11.95	0	2	0.00	0.25
11.75- 11.85	1	2	0.13	0.25
11.65- 11.75	0	1	0.00	0.13
11.55- 11.65	1	1	0.13	0.13

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
FACE LENGTH (MENTON-NASAL ROOT DEPRESSION)

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES*	F	CUMF	FPCT	CUMPCT
13.95- 14.05	1	790	0.13	100.00
13.85- 13.95	1	789	0.13	99.87
13.75- 13.85	1	788	0.13	99.75
13.65- 13.75	2	787	0.25	99.62
13.55- 13.65	2	785	0.25	99.37
13.45- 13.55	7	783	0.89	99.11
13.35- 13.45	10	776	1.27	98.23
13.25- 13.35	12	766	1.52	96.96
13.15- 13.25	8	754	1.01	95.44
13.05- 13.15	8	746	1.01	94.43
12.95- 13.05	18	738	2.28	93.42
12.85- 12.95	35	720	4.43	91.14
12.75- 12.85	28	685	3.54	86.71
12.65- 12.75	32	657	4.05	83.16
12.55- 12.65	37	625	4.68	79.11
12.45- 12.55	64	588	8.10	74.43
12.35- 12.45	47	524	5.95	66.33
12.25- 12.35	51	477	6.46	60.38
12.15- 12.25	47	426	5.95	53.92
12.05- 12.15	35	379	4.43	47.97
11.95- 12.05	64	344	8.10	43.54
11.85- 11.95	52	280	6.58	35.44
11.75- 11.85	35	228	4.43	28.86
11.65- 11.75	38	193	4.81	24.43
11.55- 11.65	34	155	4.30	19.62
11.45- 11.55	36	121	4.56	15.32
11.35- 11.45	20	85	2.53	10.76
11.25- 11.35	15	65	1.90	8.23
11.15- 11.25	10	50	1.27	6.33
11.05- 11.15	20	40	2.53	5.06
10.95- 11.05	10	20	1.27	2.53
10.85- 10.95	2	10	0.25	1.27
10.75- 10.85	1	8	0.13	1.01
10.65- 10.75	0	7	0.00	0.89
10.55- 10.65	2	7	0.25	0.89
10.45- 10.55	3	5	0.38	0.63
10.35- 10.45	1	2	0.13	0.25
10.25- 10.35	0	1	0.00	0.13
10.15- 10.25	0	1	0.00	0.13
10.05- 10.15	0	1	0.00	0.13
9.95- 10.05	1	1	0.13	0.13

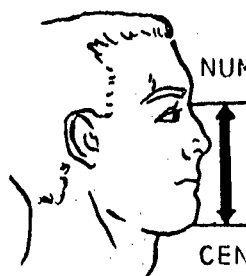
CENTIMETERS	INCHES
12.18	MEAN VALUE 4.79
0.02	SE(MEAN) 0.01
0.60	SD DEVIATION 0.24
0.02	SE(SD DEV) 0.01

SYMMETRY---VETA I = -0.02
KURTOSIS---VETA II = 3.02
COEF. OF VARIATION = 4.94

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS	INCHES
13.57	99TH 5.34
13.42	98TH 5.28
13.32	97TH 5.24
13.18	95TH 5.19
12.96	90TH 5.10
12.81	85TH 5.04
12.69	80TH 5.00
12.59	75TH 4.96
12.50	70TH 4.92
12.41	65TH 4.89
12.33	60TH 4.85
12.25	55TH 4.82
12.17	50TH 4.79
12.09	45TH 4.76
12.02	40TH 4.73
11.94	35TH 4.70
11.85	30TH 4.67
11.76	25TH 4.63
11.66	20TH 4.59
11.55	15TH 4.55
11.40	10TH 4.49
11.20	5TH 4.41
11.07	3RD 4.36
10.98	2RD 4.32
10.84	1ST 4.27



*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR INTERPUPILLARY DISTANCE

THE FREQUENCY TABLES

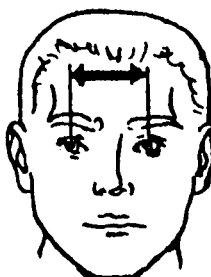
THE SUMMARY STATISTICS

CENTIMETERS		INCHES
6.14	MEAN VALUE	2.42
0.01	SE (MEAN)	0.00
0.33	SD DEVIATION	0.13
0.01	SE (SD DEV)	0.00

SYMMETRY---	VETA I =	0.27
KURTOSIS---	VETA II =	2.91
COEF. OF VARIATION	=	5.35

RANGES* F CUMF FPCT CUMFCT

7.15-	7.25	1	790	0.13	100.00
7.05-	7.15	0	789	0.00	99.87
6.95-	7.05	7	789	0.89	99.87
6.85-	6.95	12	782	1.52	98.99
6.75-	6.85	13	770	1.65	97.47
6.65-	6.75	18	757	2.28	95.82
6.55-	6.65	36	739	4.56	93.54
6.45-	6.55	68	703	8.61	88.99
6.35-	6.45	41	635	5.19	80.38
6.25-	6.35	75	594	9.49	75.19
6.15-	6.25	75	519	9.49	65.70
6.05-	6.15	105	444	13.29	56.20
5.95-	6.05	120	339	15.19	42.91
5.85-	5.95	71	219	8.99	27.72
5.75-	5.85	61	148	7.72	18.73
5.65-	5.75	45	87	5.70	11.01
5.55-	5.65	14	42	1.77	5.32
5.45-	5.55	23	28	2.91	3.54
5.35-	5.45	3	5	0.38	0.63
5.25-	5.35	1	2	0.13	0.25
5.15-	5.25	0	1	0.00	0.13
5.05-	5.15	1	1	0.13	0.13



NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
6.96	99TH	2.74
6.87	98TH	2.71
6.81	97TH	2.68
6.72	95TH	2.65
6.58	90TH	2.59
6.49	85TH	2.56
6.42	80TH	2.53
6.35	75TH	2.50
6.30	70TH	2.48
6.25	65TH	2.46
6.20	60TH	2.44
6.16	55TH	2.42
6.12	50TH	2.41
6.07	45TH	2.39
6.03	40TH	2.38
5.99	35TH	2.36
5.95	30TH	2.34
5.90	25TH	2.32
5.85	20TH	2.30
5.80	15TH	2.28
5.73	10TH	2.26
5.63	5TH	2.22
5.56	3RD	2.19
5.52	2RD	2.17
5.44	1ST	2.14

IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

..... FOOT LENGTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
26.10	MEAN VALUE	10.28
0.04	SE(MEAN)	0.02
1.15	SD DEVIATION	0.45
0.03	SE(SD DEV)	0.01

SYMMETRY---	VETA I =	0.02
KURTOSIS---	VETA II =	3.04
COEF. OF VARIATION	=	4.41

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
29.04	99TH	11.43
28.63	98TH	11.27
28.38	97TH	11.17
28.06	95TH	11.05
27.60	90TH	10.87
27.30	85TH	10.75
27.07	80TH	10.66
26.88	75TH	10.58
26.70	70TH	10.51
26.54	65TH	10.45
26.39	60TH	10.39
26.25	55TH	10.33
26.10	50TH	10.28
25.96	45TH	10.22
25.81	40TH	10.16
25.66	35TH	10.10
25.50	30TH	10.04
25.33	25TH	9.97
25.13	20TH	9.89
24.91	15TH	9.81
24.62	10TH	9.69
24.20	5TH	9.53
23.93	3RD	9.42
23.73	2RD	9.34
23.43	1ST	9.23



RANGES*	F	CUMF	FPCT	CUMPT
29.25- 29.55	1	790	0.13	100.00
28.95- 29.25	10	789	1.27	99.87
28.65- 28.95	0	779	0.00	98.61
28.35- 28.65	22	779	2.78	98.61
28.05- 28.35	0	757	0.00	95.82
27.75- 28.05	20	757	2.53	95.82
27.45- 27.75	68	737	8.61	93.29
27.15- 27.45	0	669	0.00	84.68
26.85- 27.15	97	669	12.28	84.68
26.55- 26.85	0	572	0.00	72.41
26.25- 26.55	140	572	17.72	72.41
25.95- 26.25	134	432	16.96	54.68
25.65- 25.95	0	298	0.00	37.72
25.35- 25.65	124	298	15.70	37.72
25.05- 25.35	1	174	0.13	22.03
24.75- 25.05	78	173	9.87	21.90
24.45- 24.75	51	95	6.46	12.03
24.15- 24.45	0	44	0.00	5.57
23.85- 24.15	31	44	3.92	5.57
23.55- 23.85	0	13	0.00	1.65
23.25- 23.55	8	13	1.01	1.65
22.95- 23.25	3	5	0.38	0.63
22.65- 22.95	0	2	0.00	0.25
22.35- 22.65	2	2	0.25	0.25

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR INSTEP LENGTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
18.44 MEAN VALUE	7.26
0.14 SE(MEAN)	0.06
0.89 SD DEVIATION	0.35
0.10 SE(SD DEV)	0.04

SYMMETRY---VETA I = -0.19
KURTOSIS---VETA II = 3.26
COEF. OF VARIATION = 4.84

NUMBER OF SUBJECTS = 39.

RANGES* F CUMF FPCT CUMPCT

20.25- 20.75	1	39	2.56	100.00
19.75- 20.25	2	38	5.13	97.44
19.25- 19.75	1	36	2.56	92.31
18.75- 19.25	14	35	35.90	89.74
18.25- 18.75	3	21	7.69	53.85
17.75- 18.25	10	18	25.64	46.15
17.25- 17.75	5	8	12.82	20.51
16.75- 17.25	2	3	5.13	7.69
16.25- 16.75	0	1	0.00	2.56
15.75- 16.25	1	1	2.56	2.56



THE PERCENTILES

CENTIMETERS	INCHES
20.60	99TH 8.11
20.32	98TH 8.00
20.14	97TH 7.93
19.90	95TH 7.84
19.56	90TH 7.70
19.33	85TH 7.61
19.16	80TH 7.54
19.02	75TH 7.49
18.89	70TH 7.44
18.77	65TH 7.39
18.66	60TH 7.35
18.56	55TH 7.31
18.46	50TH 7.27
18.35	45TH 7.23
18.25	40TH 7.18
18.14	35TH 7.14
18.02	30TH 7.09
17.89	25TH 7.04
17.74	20TH 6.98
17.56	15TH 6.91
17.31	10TH 6.81
16.90	5TH 6.65
16.60	3RD 6.53
16.35	2RD 6.44
15.93	1ST 6.27

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

FOOT BREADTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS INCHES

10.35 MEAN VALUE 4.07
0.02 SE(MEAN) 0.01
0.59 SD DEVIATION 0.23
0.01 SE(SD DEV) 0.01

SYMMETRY---VETA I = 0.10
KURTOSIS---VETA II = 3.08
COEF. OF VARIATION = 5.11

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS INCHES

11.57 99TH 4.56
11.54 98TH 4.55
11.49 97TH 4.52
11.38 95TH 4.48
11.15 90TH 4.39
10.98 85TH 4.32
10.84 80TH 4.27
10.72 75TH 4.22
10.61 70TH 4.18
10.52 65TH 4.14
10.44 60TH 4.11
10.36 55TH 4.08
10.28 50TH 4.05
10.21 45TH 4.02
10.15 40TH 3.99
10.08 35TH 3.97
10.02 30TH 3.94
9.95 25TH 3.92
9.88 20TH 3.89
9.79 15TH 3.86
9.68 10TH 3.81
9.50 5TH 3.74
9.34 3RD 3.68
9.20 2RD 3.62
8.92 1ST 3.51



RANGES*	F	CUMF	FPCT	CUMPCCT
11.95- 12.05	7	790	0.89	100.00
11.85- 11.95	0	783	0.00	99.11
11.75- 11.85	0	783	0.00	99.11
11.65- 11.75	0	783	0.00	99.11
11.55- 11.65	0	783	0.00	99.11
11.45- 11.55	47	783	5.95	99.11
11.35- 11.45	0	736	0.00	93.16
11.25- 11.35	0	736	0.00	93.16
11.15- 11.25	0	736	0.00	93.16
11.05- 11.15	0	736	0.00	93.16
10.95- 11.05	131	736	16.58	93.16
10.85- 10.95	0	605	0.00	76.58
10.75- 10.85	0	605	0.00	76.58
10.65- 10.75	0	605	0.00	76.58
10.55- 10.65	0	605	0.00	76.58
10.45- 10.55	249	605	31.52	76.58
10.35- 10.45	0	356	0.00	45.06
10.25- 10.35	0	356	0.00	45.06
10.15- 10.25	0	356	0.00	45.06
10.05- 10.15	0	356	0.00	45.06
9.95- 10.05	245	356	31.01	45.06
9.85- 9.95	0	111	0.00	14.05
9.75- 9.85	0	111	0.00	14.05
9.65- 9.75	0	111	0.00	14.05
9.55- 9.65	0	111	0.00	14.05
9.45- 9.55	94	111	11.90	14.05
9.35- 9.45	0	17	0.00	2.15
9.25- 9.35	0	17	0.00	2.15
9.15- 9.25	0	17	0.00	2.15
9.05- 9.15	0	17	0.00	2.15
8.95- 9.05	13	17	1.65	2.15
8.85- 8.95	0	4	0.00	0.51
8.75- 8.85	0	4	0.00	0.51
8.65- 8.75	0	4	0.00	0.51
8.55- 8.65	0	4	0.00	0.51
8.45- 8.55	4	4	0.51	0.51

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

..... HEEL BREADTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
6.74	MEAN VALUE	2.65
0.01	SE (MEAN)	0.01
0.36	SD DEVIATION	0.14
0.01	SE (SD DEV)	0.00

SYMMETRY---	VETA I =	0.03
KURTOSIS---	VETA II =	3.05
COEF. OF VARIATION	=	5.40

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
7.67	99TH	3.02
7.51	98TH	2.96
7.42	97TH	2.92
7.32	95TH	2.88
7.18	90TH	2.83
7.10	85TH	2.80
7.04	80TH	2.77
6.98	75TH	2.75
6.93	70TH	2.73
6.89	65TH	2.71
6.84	60TH	2.69
6.80	55TH	2.68
6.75	50TH	2.66
6.70	45TH	2.64
6.66	40TH	2.62
6.61	35TH	2.60
6.55	30TH	2.58
6.49	25TH	2.55
6.42	20TH	2.53
6.34	15TH	2.50
6.24	10TH	2.46
6.11	5TH	2.41
6.04	3RD	2.38
6.00	2RD	2.36
5.96	1ST	2.35



RANGES*	F	CUMF	FPCT	CUMPT
7.95- 8.05	2	790	0.25	100.00
7.85- 7.95	0	788	0.00	99.75
7.75- 7.85	0	788	0.00	99.75
7.65- 7.75	6	788	0.76	99.75
7.55- 7.65	3	782	0.38	98.99
7.45- 7.55	14	779	1.77	98.61
7.35- 7.45	11	765	1.39	96.84
7.25- 7.35	13	754	1.65	95.44
7.15- 7.25	27	741	3.42	93.80
7.05- 7.15	45	714	5.70	90.38
6.95- 7.05	174	669	22.03	84.68
6.85- 6.95	4	495	0.51	62.66
6.75- 6.85	82	491	10.38	62.15
6.65- 6.75	57	409	7.22	51.77
6.55- 6.65	123	352	15.57	44.56
6.45- 6.55	89	229	11.27	28.99
6.35- 6.45	28	140	3.54	17.72
6.25- 6.35	25	112	3.16	14.18
6.15- 6.25	30	87	3.80	11.01
6.05- 6.15	29	57	3.67	7.22
5.95- 6.05	25	28	3.16	3.54
5.85- 5.95	0	3	0.00	0.38
5.75- 5.85	1	3	0.13	0.38
5.65- 5.75	2	2	0.25	0.25

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 BALL-OF-FOOT CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
29.85- 30.15	1	790	0.13	100.00
29.55- 29.85	0	789	0.00	99.87
29.25- 29.55	0	789	0.00	99.87
28.95- 29.25	8	789	1.01	99.87
28.65- 28.95	0	781	0.00	98.86
28.35- 28.65	3	781	0.38	98.86
28.05- 28.35	0	778	0.00	98.48
27.75- 28.05	49	778	6.20	98.48
27.45- 27.75	9	729	1.14	92.28
27.15- 27.45	2	720	0.25	91.14
26.85- 27.15	123	718	15.57	90.89
26.55- 26.85	1	595	0.13	75.32
26.25- 26.55	9	594	1.14	75.19
25.95- 26.25	241	585	30.51	74.05
25.65- 25.95	3	344	0.38	43.54
25.35- 25.65	17	341	2.15	43.16
25.05- 25.35	7	324	0.89	41.01
24.75- 25.05	197	317	24.94	40.13
24.45- 24.75	8	120	1.01	15.19
24.15- 24.45	10	112	1.27	14.18
23.85- 24.15	75	102	9.49	12.91
23.55- 23.85	1	27	0.13	3.42
23.25- 23.55	6	26	0.76	3.29
22.95- 23.25	18	20	2.28	2.53
22.65- 22.95	0	2	0.00	0.25
22.35- 22.65	0	2	0.00	0.25
22.05- 22.35	0	2	0.00	0.25
21.75- 22.05	2	2	0.25	0.25

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
25.76	MEAN VALUE	10.14
0.04	SE(MEAN)	0.02
1.23	SD DEVIATION	0.48
0.03	SE(SD DEV)	0.01

SYMMETRY---	VETA I =	0.11
KURTOSIS---	VETA II =	3.03
COEF. OF VARIATION	=	4.78

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
28.80	99TH	11.34
28.32	98TH	11.15
28.05	97TH	11.04
27.71	95TH	10.91
27.25	90TH	10.73
26.96	85TH	10.61
26.74	80TH	10.53
26.55	75TH	10.45
26.38	70TH	10.38
26.22	65TH	10.32
26.06	60TH	10.26
25.92	55TH	10.20
25.77	50TH	10.14
25.61	45TH	10.08
25.46	40TH	10.02
25.30	35TH	9.96
25.12	30TH	9.89
24.93	25TH	9.82
24.72	20TH	9.73
24.47	15TH	9.63
24.15	10TH	9.51
23.71	5TH	9.34
23.45	3RD	9.23
23.28	2RD	9.16
23.04	1ST	9.07



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 HEEL-ANKLE DIAGONAL

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
33.78	MEAN VALUE	13.30
0.05	SE(MEAN)	0.02
1.42	SD DEVIATION	0.56
0.04	SE(SD DEV)	0.01

SYMMETRY---VETA I = 0.14
 KURTOSIS---VETA II = 2.90
 COEF. OF VARIATION = 4.21

NUMBER OF SUBJECTS = 790.

THE PERCENTILES



CENTIMETERS		INCHES
37.09	99TH	14.60
36.81	98TH	14.49
36.59	97TH	14.41
36.27	95TH	14.28
35.72	90TH	14.06
35.33	85TH	13.91
35.02	80TH	13.79
34.75	75TH	13.68
34.51	70TH	13.59
34.30	65TH	13.50
34.09	60TH	13.42
33.90	55TH	13.34
33.71	50TH	13.27
33.52	45TH	13.20
33.34	40TH	13.13
33.15	35TH	13.05
32.96	30TH	12.98
32.76	25TH	12.90
32.54	20TH	12.81
32.29	15TH	12.71
31.98	10TH	12.59
31.52	5TH	12.41
31.21	3RD	12.29
30.97	2RD	12.19
30.57	1ST	12.03

RANGES*	F	CUMF	FPCT	CUMPCT
37.95- 38.25	3	790	0.38	100.00
37.65- 37.95	0	787	0.00	99.62
37.35- 37.65	1	787	0.13	99.62
37.05- 37.35	0	786	0.00	99.49
36.75- 37.05	20	786	2.53	99.49
36.45- 36.75	3	766	0.38	96.96
36.15- 36.45	2	763	0.25	96.58
35.85- 36.15	56	761	7.09	96.33
35.55- 35.85	3	705	0.38	89.24
35.25- 35.55	8	702	1.01	88.86
34.95- 35.25	134	694	16.96	87.85
34.65- 34.95	0	560	0.00	70.89
34.35- 34.65	10	560	1.27	70.89
34.05- 34.35	2	550	0.25	69.62
33.75- 34.05	191	548	24.18	69.37
33.45- 33.75	3	357	0.38	45.19
33.15- 33.45	17	354	2.15	44.81
32.85- 33.15	198	337	25.06	42.66
32.55- 32.85	1	139	0.13	17.59
32.25- 32.55	7	138	0.89	17.47
31.95- 32.25	91	131	11.52	16.58
31.65- 31.95	0	40	0.00	5.06
31.35- 31.65	1	40	0.13	5.06
31.05- 31.35	1	39	0.13	4.94
30.75- 31.05	33	38	4.18	4.81
30.45- 30.75	0	5	0.00	0.63
30.15- 30.45	0	5	0.00	0.63
29.85- 30.15	5	5	0.63	0.63

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 INSTEP CIRCUMFERENCE

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
26.44	MEAN VALUE	10.41
0.05	SE (MEAN)	0.02
1.42	SD DEVIATION	0.56
0.04	SE (SD DEV)	0.01

SYMMETRY---	VETA I =	0.27
KURTOSIS---	VETA II =	2.93
COEF. OF VARIATION	=	5.36

NUMBER OF SUBJECTS = 790.

THE PERCENTILES

CENTIMETERS		INCHES
30.05	99TH	11.83
29.49	98TH	11.61
29.18	97TH	11.49
28.78	95TH	11.33
28.23	90TH	11.11
27.87	85TH	10.97
27.60	80TH	10.87
27.37	75TH	10.77
27.15	70TH	10.69
26.96	65TH	10.61
26.77	60TH	10.54
26.59	55TH	10.47
26.41	50TH	10.40
26.23	45TH	10.33
26.04	40TH	10.25
25.85	35TH	10.18
25.65	30TH	10.10
25.43	25TH	10.01
25.20	20TH	9.92
24.93	15TH	9.81
24.61	10TH	9.69
24.20	5TH	9.53
24.00	3RD	9.45
23.89	2RD	9.41
23.80	1ST	9.37

RANGES*	F	CUMF	FPCT	CUMPCT
30.75- 31.05	3	790	0.38	100.00
30.45- 30.75	0	787	0.00	99.62
30.15- 30.45	0	787	0.00	99.62
29.85- 30.15	10	787	1.27	99.62
29.55- 29.85	2	777	0.25	98.35
29.25- 29.55	2	775	0.25	98.10
28.95- 29.25	40	773	5.06	97.85
28.65- 28.95	7	733	0.89	92.78
28.35- 28.65	7	726	0.89	91.90
28.05- 28.35	3	719	0.38	91.01
27.75- 28.05	87	716	11.01	90.63
27.45- 27.75	15	629	1.90	79.62
27.15- 27.45	5	614	0.63	77.72
26.85- 27.15	173	609	21.90	77.09
26.55- 26.85	0	436	0.00	55.19
26.25- 26.55	12	436	1.52	55.19
25.95- 26.25	217	424	27.47	53.67
25.65- 25.95	1	207	0.13	26.20
25.35- 25.65	11	206	1.39	26.08
25.05- 25.35	1	195	0.13	24.68
24.75- 25.05	132	194	16.71	24.56
24.45- 24.75	2	62	0.25	7.85
24.15- 24.45	0	60	0.00	7.59
23.85- 24.15	54	60	6.84	7.59
23.55- 23.85	0	6	0.00	0.76
23.25- 23.55	0	6	0.00	0.76
22.95- 23.25	6	6	0.76	0.76

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....
AGE

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

YEARS		YEARS
28.10	MEAN VALUE	28.10
0.24	SE(MEAN)	0.24
6.63	SD DEVIATION	6.63
0.17	SE(SD DEV)	0.17

RANGES*	F	CUMF	FPCT	CUMFCT
52.50- 53.50	1	790	0.13	100.00
51.50- 52.50	0	789	0.00	99.87
50.50- 51.50	1	789	0.13	99.87
49.50- 50.50	3	788	0.38	99.75
48.50- 49.50	0	785	0.00	99.37
47.50- 48.50	2	785	0.25	99.37
46.50- 47.50	3	783	0.38	99.11
45.50- 46.50	6	780	0.76	98.73
44.50- 45.50	6	774	0.76	97.97
43.50- 44.50	3	768	0.38	97.22
42.50- 43.50	4	765	0.51	96.84
41.50- 42.50	9	761	1.14	96.33
40.50- 41.50	10	752	1.27	95.19
39.50- 40.50	11	742	1.39	93.92
38.50- 39.50	11	731	1.39	92.53
37.50- 38.50	20	720	2.53	91.14
36.50- 37.50	32	700	4.05	88.61
35.50- 36.50	18	668	2.28	84.56
34.50- 35.50	16	650	2.03	82.28
33.50- 34.50	13	634	1.65	80.25
32.50- 33.50	9	621	1.14	78.61
31.50- 32.50	9	612	1.14	77.47
30.50- 31.50	19	603	2.41	76.33
29.50- 30.50	26	584	3.29	73.92
28.50- 29.50	32	558	4.05	70.63
27.50- 28.50	48	526	6.08	66.58
26.50- 27.50	78	478	9.87	60.51
25.50- 26.50	56	400	7.09	50.63
24.50- 25.50	63	344	7.97	43.54
23.50- 24.50	76	281	9.62	35.57
22.50- 23.50	61	205	7.72	25.95
21.50- 22.50	48	144	6.08	18.23
20.50- 21.50	51	96	6.46	12.15
19.50- 20.50	34	45	4.30	5.70
18.50- 19.50	11	11	1.39	1.39

 SYMMETRY---VETA I = 1.09
 KURTOSIS---VETA II = 3.62
 COEF. OF VARIATION = 23.61

 NUMBER OF SUBJECTS = 790.

THE PERCENTILES

YEARS		YEARS
47.33	99TH	47.33
45.42	98TH	45.42
43.93	97TH	43.93
41.67	95TH	41.67
37.90	90TH	37.90
35.33	85TH	35.33
33.36	80TH	33.36
31.74	75TH	31.74
30.36	70TH	30.36
29.16	65TH	29.16
28.10	60TH	28.10
27.15	55TH	27.15
26.29	50TH	26.29
25.50	45TH	25.50
24.78	40TH	24.78
24.11	35TH	24.11
23.49	30TH	23.49
22.92	25TH	22.92
22.39	20TH	22.39
21.88	15TH	21.88
21.38	10TH	21.38
20.75	5TH	20.75
20.27	3RD	20.27
19.81	2RD	19.81
18.77	1ST	18.77

*IN YEARS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....
WEIGHT

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

KILOGRAMS

POUNDS

62.20 MEAN VALUE 136.85
0.29 SE(MEAN) 0.64
7.90 SD DEVIATION 17.38
0.21 SE(SD DEV) 0.45

SYMMETRY---VETA I = 0.78
KURTOSIS---VETA II = 4.06
COEF. OF VARIATION = 12.70

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

KILOGRAMS

POUNDS

86.09	99TH	189.39
82.42	98TH	181.33
80.17	97TH	176.37
77.22	95TH	169.88
72.96	90TH	160.51
70.30	85TH	154.67
68.34	80TH	150.35
66.73	75TH	146.81
65.37	70TH	143.82
64.18	65TH	141.19
63.09	60TH	138.81
62.10	55TH	136.61
61.15	50TH	134.54
60.25	45TH	132.55
59.38	40TH	130.64
58.52	35TH	128.74
57.65	30TH	126.83
56.75	25TH	124.84
55.78	20TH	122.71
54.69	15TH	120.33
53.36	10TH	117.39
51.35	5TH	112.98
49.98	3RD	109.96
48.89	2RD	107.56
47.00	1ST	103.41

RANGES*	F	CUMF	FPCT	CUMPC
95.50- 97.50	1	740	0.14	100.00
93.50- 95.50	0	739	0.00	99.86
91.50- 93.50	0	739	0.00	99.86
89.50- 91.50	2	739	0.27	99.86
87.50- 89.50	1	737	0.14	99.59
85.50- 87.50	2	736	0.27	99.46
83.50- 85.50	10	734	1.35	99.19
81.50- 83.50	4	724	0.54	97.84
79.50- 81.50	5	720	0.68	97.30
77.50- 79.50	10	715	1.35	96.62
75.50- 77.50	8	705	1.08	95.27
73.50- 75.50	20	697	2.70	94.19
71.50- 73.50	15	677	2.03	91.49
69.50- 71.50	45	662	6.08	89.46
67.50- 69.50	43	617	5.81	83.38
65.50- 67.50	48	574	6.49	77.57
63.50- 65.50	80	526	10.81	71.08
61.50- 63.50	56	446	7.57	60.27
59.50- 61.50	99	390	13.38	52.70
57.50- 59.50	83	291	11.22	39.32
55.50- 57.50	60	208	8.11	28.11
53.50- 55.50	69	148	9.32	20.00
51.50- 53.50	35	79	4.73	10.68
49.50- 51.50	30	44	4.05	5.95
47.50- 49.50	5	14	0.68	1.89
45.50- 47.50	4	9	0.54	1.22
43.50- 45.50	4	5	0.54	0.68
41.50- 43.50	0	1	0.00	0.14
39.50- 41.50	1	1	0.14	0.14

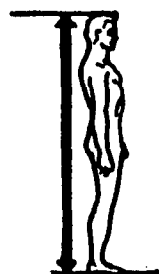
*IN KILOGRAMS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....
HEIGHT (STATURE)

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPC
185.25-186.25	1	740	0.14	100.00
184.25-185.25	4	739	0.54	99.86
183.25-184.25	4	735	0.54	99.32
182.25-183.25	3	731	0.41	98.78
181.25-182.25	2	728	0.27	98.38
180.25-181.25	2	726	0.27	98.11
179.25-180.25	3	724	0.41	97.84
178.25-179.25	6	721	0.81	97.43
177.25-178.25	8	715	1.08	96.62
176.25-177.25	17	707	2.30	95.54
175.25-176.25	11	690	1.49	93.24
174.25-175.25	21	679	2.84	91.76
173.25-174.25	26	658	3.51	88.92
172.25-173.25	25	632	3.38	85.41
171.25-172.25	35	607	4.73	82.03
170.25-171.25	46	572	6.22	77.30
169.25-170.25	46	526	6.22	71.08
168.25-169.25	58	480	7.84	64.86
167.25-168.25	48	422	6.49	57.03
166.25-167.25	59	374	7.97	50.54
165.25-166.25	55	315	7.43	42.57
164.25-165.25	52	260	7.03	35.14
163.25-164.25	43	208	5.81	28.11
162.25-163.25	45	165	6.08	22.30
161.25-162.25	30	120	4.05	16.22
160.25-161.25	28	90	3.78	12.16
159.25-160.25	20	62	2.70	8.38
158.25-159.25	11	42	1.49	5.68
157.25-158.25	18	31	2.43	4.19
156.25-157.25	7	13	0.95	1.76
155.25-156.25	0	6	0.00	0.81
154.25-155.25	2	6	0.27	0.81
153.25-154.25	1	4	0.14	0.54
152.25-153.25	1	3	0.14	0.41
151.25-152.25	1	2	0.14	0.27
150.25-151.25	1	1	0.14	0.14



THE SUMMARY STATISTICS

CENTIMETERS	INCHES
167.49	MEAN VALUE 65.94
0.20	SE (MEAN) 0.08
5.53	SD DEVIATION 2.18
0.14	SE (SD DEV) 0.06

SYMMETRY---	VETA I = 0.34
KURTOSIS---	VETA II = 3.38
COEF. OF VARIATION =	3.30

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS	INCHES
183.60	99TH 72.28
180.68	98TH 71.13
179.06	97TH 70.50
177.10	95TH 69.72
174.50	90TH 68.70
172.95	85TH 68.09
171.82	80TH 67.64
170.87	75TH 67.27
170.05	70TH 66.95
169.31	65TH 66.66
168.61	60TH 66.38
167.94	55TH 66.12
167.28	50TH 65.86
166.62	45TH 65.60
165.95	40TH 65.33
165.26	35TH 65.06
164.52	30TH 64.77
163.73	25TH 64.46
162.85	20TH 64.11
161.84	15TH 63.72
160.59	10TH 63.22
158.86	5TH 62.54
157.88	3RD 62.16
157.25	2RD 61.91
156.47	1ST 61.60

*IN CENTIMETERS

II-140.

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

CERVICALE HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMFCT
160.25-161.25	1	740	0.14	100.00
159.25-160.25	2	739	0.27	99.86
158.25-159.25	3	737	0.41	99.59
157.25-158.25	3	734	0.41	99.19
156.25-157.25	3	731	0.41	98.78
155.25-156.25	3	728	0.41	98.38
154.25-155.25	3	725	0.41	97.97
153.25-154.25	6	722	0.81	97.57
152.25-153.25	11	716	1.49	96.76
151.25-152.25	15	705	2.03	95.27
150.25-151.25	18	690	2.43	93.24
149.25-150.25	22	672	2.97	90.81
148.25-149.25	26	650	3.51	87.84
147.25-148.25	25	624	3.38	84.32
146.25-147.25	38	599	5.14	80.95
145.25-146.25	44	561	5.95	75.81
144.25-145.25	64	517	8.65	69.86
143.25-144.25	58	453	7.84	61.22
142.25-143.25	59	395	7.97	53.38
141.25-142.25	60	336	8.11	45.41
140.25-141.25	54	276	7.30	37.30
139.25-140.25	47	222	6.35	30.00
138.25-139.25	34	175	4.59	23.65
137.25-138.25	43	141	5.81	19.05
136.25-137.25	32	98	4.32	13.24
135.25-136.25	18	66	2.43	8.92
134.25-135.25	18	48	2.43	6.49
133.25-134.25	12	30	1.62	4.05
132.25-133.25	8	18	1.08	2.43
131.25-132.25	4	10	0.54	1.35
130.25-131.25	3	6	0.41	0.81
129.25-130.25	0	3	0.00	0.41
128.25-129.25	1	3	0.14	0.41
127.25-128.25	0	2	0.00	0.27
126.25-127.25	2	2	0.27	0.27

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
142.96	MEAN VALUE 56.28
0.20	SE(MEAN) 0.08
5.32	SD DEVIATION 2.09
0.14	SE(SD DEV) 0.05

SYMMETRY---	VETA I = 0.29
KURTOSIS---	VETA II = 3.31
COEF. OF VARIATION	= 3.72

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS	INCHES
157.71	99TH 62.09
155.26	98TH 61.13
153.86	97TH 60.57
152.11	95TH 59.89
149.71	90TH 58.94
148.25	85TH 58.36
147.16	80TH 57.94
146.25	75TH 57.58
145.45	70TH 57.27
144.74	65TH 56.98
144.07	60TH 56.72
143.42	55TH 56.47
142.79	50TH 56.22
142.16	45TH 55.97
141.53	40TH 55.72
140.88	35TH 55.46
140.19	30TH 55.19
139.44	25TH 54.90
138.61	20TH 54.57
137.64	15TH 54.19
136.43	10TH 53.71
134.67	5TH 53.02
133.57	3RD 52.59
132.79	2RD 52.28
131.65	1ST 51.83



II-141

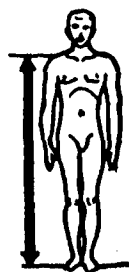
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

..... SHOULDER (ACROMION) HEIGHT

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES*	F	CUMF	FPCT	CUMPT
155.25-156.25	1	740	0.14	100.00
154.25-155.25	2	739	0.27	99.86
153.25-154.25	1	737	0.14	99.59
152.25-153.25	3	736	0.41	99.46
151.25-152.25	3	733	0.41	99.05
150.25-151.25	4	730	0.54	98.65
149.25-150.25	2	726	0.27	98.11
148.25-149.25	4	724	0.54	97.84
147.25-148.25	7	720	0.95	97.30
146.25-147.25	10	713	1.35	96.35
145.25-146.25	18	703	2.43	95.00
144.25-145.25	19	685	2.57	92.57
143.25-144.25	20	666	2.70	90.00
142.25-143.25	33	646	4.46	87.30
141.25-142.25	31	613	4.19	82.84
140.25-141.25	40	582	5.41	78.65
139.25-140.25	46	542	6.22	73.24
138.25-139.25	61	496	8.24	67.03
137.25-138.25	62	435	8.38	58.78
136.25-137.25	56	373	7.57	50.41
135.25-136.25	57	317	7.70	42.84
134.25-135.25	51	260	6.89	35.14
133.25-134.25	49	209	6.62	28.24
132.25-133.25	44	160	5.95	21.62
131.25-132.25	34	116	4.59	15.68
130.25-131.25	31	82	4.19	11.08
129.25-130.25	18	51	2.43	6.89
128.25-129.25	13	33	1.76	4.46
127.25-128.25	8	20	1.08	2.70
126.25-127.25	6	12	0.81	1.62
125.25-126.25	1	6	0.14	0.81
124.25-125.25	2	5	0.27	0.68
123.25-124.25	1	3	0.14	0.41
122.25-123.25	2	2	0.27	0.27



CENTIMETERS	INCHES
137.37	MEAN VALUE 54.08
0.19	SE (MEAN) 0.08
5.24	SD DEVIATION 2.06
0.14	SE (SD DEV) 0.05

SYMMETRY---VETA I = 0.37
KURTOSIS---VETA II = 3.38
COEF. OF VARIATION = 3.81

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS	INCHES
152.06	99TH 59.87
149.64	98TH 58.91
148.24	97TH 58.36
146.49	95TH 57.67
144.08	90TH 56.72
142.60	85TH 56.14
141.49	80TH 55.71
140.58	75TH 55.34
139.78	70TH 55.03
139.06	65TH 54.75
138.39	60TH 54.48
137.75	55TH 54.23
137.13	50TH 53.99
136.51	45TH 53.74
135.88	40TH 53.50
135.25	35TH 53.25
134.58	30TH 52.98
133.86	25TH 52.70
133.05	20TH 52.38
132.14	15TH 52.02
130.99	10TH 51.57
129.34	5TH 50.92
128.32	3RD 50.52
127.61	2RD 50.24
126.57	1ST 49.83

*IN CENTIMETERS

II-142

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 WAIST (TOP OF HIP BONE) HEIGHT

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

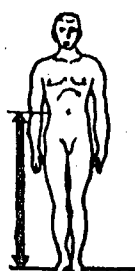
CENTIMETERS		INCHES
100.14	MEAN VALUE	39.42
0.16	SE (MEAN)	0.06
4.28	SD DEVIATION	1.68
0.11	SE (SD DEV)	0.04

SYMMETRY---VETA I = 0.27
 KURTOSIS---VETA II = 3.12
 COEF. OF VARIATION = 4.27

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
110.91	99TH	43.67
109.63	98TH	43.16
108.79	97TH	42.83
107.63	95TH	42.37
105.83	90TH	41.67
104.63	85TH	41.19
103.70	80TH	40.83
102.91	75TH	40.52
102.22	70TH	40.24
101.59	65TH	40.00
101.01	60TH	39.77
100.45	55TH	39.55
99.92	50TH	39.34
99.39	45TH	39.13
98.87	40TH	38.92
98.34	35TH	38.72
97.79	30TH	38.50
97.21	25TH	38.27
96.57	20TH	38.02
95.85	15TH	37.74
94.94	10TH	37.38
93.60	5TH	36.85
92.71	3RD	36.50
92.04	2RD	36.23
90.92	1ST	35.79



RANGES*	F	CUMF	FPCT	CUMPCT
115.25-116.25	1	740	0.14	100.00
114.25-115.25	0	739	0.00	99.86
113.25-114.25	1	739	0.14	99.86
112.25-113.25	2	738	0.27	99.73
111.25-112.25	2	736	0.27	99.46
110.25-111.25	4	734	0.54	99.19
109.25-110.25	9	730	1.22	98.65
108.25-109.25	8	721	1.08	97.43
107.25-108.25	11	713	1.49	96.35
106.25-107.25	29	702	3.92	94.86
105.25-106.25	22	673	2.97	90.95
104.25-105.25	38	651	5.14	87.97
103.25-104.25	43	613	5.81	82.84
102.25-103.25	41	570	5.54	77.03
101.25-102.25	70	529	9.46	71.49
100.25-101.25	69	459	9.32	62.03
99.25-100.25	76	390	10.27	52.70
98.25- 99.25	63	314	8.51	42.43
97.25- 98.25	58	251	7.84	33.92
96.25- 97.25	55	193	7.43	26.08
95.25- 96.25	52	138	7.03	18.65
94.25- 95.25	36	86	4.86	11.62
93.25- 94.25	24	50	3.24	6.76
92.25- 93.25	10	26	1.35	3.51
91.25- 92.25	6	16	0.81	2.16
90.25- 91.25	6	10	0.81	1.35
89.25- 90.25	1	4	0.14	0.54
88.25- 89.25	1	3	0.14	0.41
87.25- 88.25	2	2	0.27	0.27

*IN CENTIMETERS

II-143

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

***** CRUTCH HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPT
88.25- 89.25	2	740	0.27	100.00
87.25- 88.25	2	738	0.27	99.73
86.25- 87.25	1	736	0.14	99.46
85.25- 86.25	9	735	1.22	99.32
84.25- 85.25	10	726	1.35	98.11
83.25- 84.25	14	716	1.89	96.76
82.25- 83.25	29	702	3.92	94.86
81.25- 82.25	37	673	5.00	90.95
80.25- 81.25	43	636	5.81	85.95
79.25- 80.25	49	593	6.62	80.14
78.25- 79.25	64	544	8.65	73.51
77.25- 78.25	77	480	10.41	64.86
76.25- 77.25	75	403	10.14	54.46
75.25- 76.25	76	328	10.27	44.32
74.25- 75.25	52	252	7.03	34.05
73.25- 74.25	62	200	8.38	27.03
72.25- 73.25	47	138	6.35	18.65
71.25- 72.25	28	91	3.78	12.30
70.25- 71.25	24	63	3.24	8.51
69.25- 70.25	11	39	1.49	5.27
68.25- 69.25	13	28	1.76	3.78
67.25- 68.25	10	15	1.35	2.03
66.25- 67.25	1	5	0.14	0.68
65.25- 66.25	1	4	0.14	0.54
64.25- 65.25	2	3	0.27	0.41
63.25- 64.25	0	1	0.00	0.14
62.25- 63.25	1	1	0.14	0.14



CENTIMETERS		INCHES
76.76	MEAN VALUE	30.22
0.15	SE (MEAN)	0.06
4.05	SD DEVIATION	1.59
0.11	SE (SD DEV)	0.04

SYMMETRY---	VETA I = -0.05
KURTOSIS---	VETA II = 3.05
COEF. OF VARIATION	= 5.28

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
86.11	99TH	33.90
85.03	98TH	33.48
84.35	97TH	33.21
83.42	95TH	32.84
81.98	90TH	32.27
81.00	85TH	31.89
80.22	80TH	31.58
79.55	75TH	31.32
78.94	70TH	31.08
78.38	65TH	30.86
77.85	60TH	30.65
77.33	55TH	30.44
76.82	50TH	30.24
75.30	45TH	30.04
75.78	40TH	29.83
75.24	35TH	29.62
74.67	30TH	29.40
74.05	25TH	29.15
73.36	20TH	28.88
72.56	15TH	28.57
71.54	10TH	28.17
70.05	5TH	27.58
69.08	3RD	27.20
68.38	2RD	26.92
67.28	1ST	26.49

*IN CENTIMETERS

II-144

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
KNEE HEIGHT

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
50.01	MEAN VALUE	19.69
0.09	SE (MEAN)	0.03
2.34	SD DEVIATION	0.92
0.06	SE (SD DEV)	0.02

SYMMETRY---VETA I = 0.23
KURTOSIS---VETA II = 3.36
COEF. OF VARIATION = 4.68

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
55.94	99TH	22.02
55.12	98TH	21.70
54.61	97TH	21.50
53.96	95TH	21.24
53.00	90TH	20.86
52.38	85TH	20.62
51.90	80TH	20.43
51.50	75TH	20.27
51.14	70TH	20.14
50.82	65TH	20.01
50.52	60TH	19.89
50.23	55TH	19.77
49.94	50TH	19.66
49.66	45TH	19.55
49.37	40TH	19.44
49.08	35TH	19.32
48.77	30TH	19.20
48.44	25TH	19.07
48.07	20TH	18.93
47.65	15TH	18.76
47.11	10TH	18.55
46.32	5TH	18.23
45.80	3RD	18.03
45.42	2RD	17.88
44.83	1ST	17.65



RANGES*	F	CUMF	FPCT	CUMPCT
58.25- 58.75	1	740	0.14	100.00
57.75- 58.25	1	739	0.14	99.86
57.25- 57.75	1	738	0.14	99.73
56.75- 57.25	1	737	0.14	99.59
56.25- 56.75	1	736	0.14	99.46
55.75- 56.25	3	735	0.41	99.32
55.25- 55.75	6	732	0.81	98.92
54.75- 55.25	6	726	0.81	98.11
54.25- 54.75	11	720	1.49	97.30
53.75- 54.25	13	709	1.76	95.81
53.25- 53.75	25	696	3.38	94.05
52.75- 53.25	14	671	1.89	90.68
52.25- 52.75	35	657	4.73	88.78
51.75- 52.25	30	622	4.05	84.05
51.25- 51.75	62	592	8.38	80.00
50.75- 51.25	55	530	7.43	71.62
50.25- 50.75	74	475	10.00	64.19
49.75- 50.25	39	401	5.27	54.19
49.25- 49.75	96	362	12.97	48.92
48.75- 49.25	37	266	5.00	35.95
48.25- 48.75	79	229	10.68	30.95
47.75- 48.25	29	150	3.92	20.27
47.25- 47.75	46	121	6.22	16.35
46.75- 47.25	21	75	2.84	10.14
46.25- 46.75	16	54	2.16	7.30
45.75- 46.25	13	38	1.76	5.14
45.25- 45.75	14	25	1.89	3.38
44.75- 45.25	6	11	0.81	1.49
44.25- 44.75	2	5	0.27	0.68
43.75- 44.25	0	3	0.00	0.41
43.25- 43.75	2	3	0.27	0.41
42.75- 43.25	0	1	0.00	0.14
42.25- 42.75	0	1	0.00	0.14
41.75- 42.25	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
CALF HEIGHT

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
34.11 MEAN VALUE	13.43
0.08 SE(MEAN)	0.03
2.07 SD DEVIATION	0.82
0.05 SE(SD DEV)	0.02

RANGES*	F	CUMF	FPCT	CUMFCT
42.25- 42.75	2	740	0.27	100.00
41.75- 42.25	0	738	0.00	99.73
41.25- 41.75	1	738	0.14	99.73
40.75- 41.25	0	737	0.00	99.59
40.25- 40.75	1	737	0.14	99.59
39.75- 40.25	1	736	0.14	99.46
39.25- 39.75	3	735	0.41	99.32
38.75- 39.25	6	732	0.81	98.92
38.25- 38.75	9	726	1.22	98.11
37.75- 38.25	10	717	1.35	96.89
37.25- 37.75	23	707	3.11	95.54
36.75- 37.25	11	684	1.49	92.43
36.25- 36.75	31	673	4.19	90.95
35.75- 36.25	35	642	4.73	86.76
35.25- 35.75	81	607	10.95	82.03
34.75- 35.25	49	526	6.62	71.08
34.25- 34.75	100	477	13.51	64.46
33.75- 34.25	47	377	6.35	50.95
33.25- 33.75	80	330	10.81	44.59
32.75- 33.25	47	250	6.35	33.78
32.25- 32.75	60	203	8.11	27.43
31.75- 32.25	44	143	5.95	19.32
31.25- 31.75	44	99	5.95	13.38
30.75- 31.25	25	55	3.38	7.43
30.25- 30.75	19	30	2.57	4.05
29.75- 30.25	3	11	0.41	1.49
29.25- 29.75	5	8	0.68	1.08
28.75- 29.25	1	3	0.14	0.41
28.25- 28.75	1	2	0.14	0.27
27.75- 28.25	1	1	0.14	0.14



SYMMETRY---VETA I = 0.35
KURTOSIS---VETA II = 3.52
COEF. OF VARIATION = 6.08

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS	INCHES
39.42	99TH 15.52
38.65	98TH 15.22
38.19	97TH 15.04
37.60	95TH 14.80
36.74	90TH 14.47
36.20	85TH 14.25
35.77	80TH 14.08
35.42	75TH 13.94
35.10	70TH 13.82
34.82	65TH 13.71
34.54	60TH 13.60
34.29	55TH 13.50
34.03	50TH 13.40
33.78	45TH 13.30
33.52	40TH 13.20
33.26	35TH 13.09
32.98	30TH 12.98
32.69	25TH 12.87
32.36	20TH 12.74
31.98	15TH 12.59
31.52	10TH 12.41
30.87	5TH 12.15
30.47	3RD 12.00
30.20	2RD 11.89
29.81	1ST 11.74

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

FUNCTIONAL ARM REACH-FORWARD

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
76.81	MEAN VALUE	30.24
0.15	SE (MEAN)	0.06
4.07	SD DEVIATION	1.60
0.11	SE (SD DEV)	0.04

SYMMETRY---	VETA I =	0.04
KURTOSIS---	VETA II =	3.01
COEF. OF VARIATION	=	5.30

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
86.36	99TH	34.00
85.24	98TH	33.56
84.53	97TH	33.28
83.56	95TH	32.90
82.07	90TH	32.31
81.07	85TH	31.92
80.27	80TH	31.60
79.59	75TH	31.33
78.97	70TH	31.09
78.40	65TH	30.87
77.86	60TH	30.65
77.34	55TH	30.45
76.82	50TH	30.24
76.30	45TH	30.04
75.78	40TH	29.83
75.24	35TH	29.62
74.67	30TH	29.40
74.06	25TH	29.16
73.37	20TH	28.89
72.58	15TH	28.57
71.59	10TH	28.18
70.13	5TH	27.61
69.20	3RD	27.25
68.53	2RD	26.98
67.49	1ST	26.57



RANGES*	F	CUMF	FPCT	CUMPCT
90.25- 91.25	1	740	0.14	100.00
89.25- 90.25	0	739	0.00	99.86
88.25- 89.25	2	739	0.27	99.86
87.25- 88.25	2	737	0.27	99.59
86.25- 87.25	3	735	0.41	99.32
85.25- 86.25	7	732	0.95	98.92
84.25- 85.25	7	725	0.95	97.97
83.25- 84.25	22	718	2.97	97.03
82.25- 83.25	28	696	3.78	94.05
81.25- 82.25	37	668	5.00	90.27
80.25- 81.25	42	631	5.68	85.27
79.25- 80.25	45	589	6.08	79.59
78.25- 79.25	69	544	9.32	73.51
77.25- 78.25	78	475	10.54	64.19
76.25- 77.25	74	397	10.00	53.65
75.25- 76.25	66	323	8.92	43.65
74.25- 75.25	58	257	7.84	34.73
73.25- 74.25	53	199	7.16	26.89
72.25- 73.25	42	146	5.68	19.73
71.25- 72.25	41	104	5.54	14.05
70.25- 71.25	31	63	4.19	8.51
69.25- 70.25	10	32	1.35	4.32
68.25- 69.25	9	22	1.22	2.97
67.25- 68.25	7	13	0.95	1.76
66.25- 67.25	4	6	0.54	0.81
65.25- 66.25	0	2	0.00	0.27
64.25- 65.25	1	2	0.14	0.27
63.25- 64.25	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....
COAT LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPT
80.25- 80.75	1	740	0.14	100.00
79.75- 80.25	0	739	0.00	99.86
79.25- 79.75	0	739	0.00	99.86
78.75- 79.25	0	739	0.00	99.86
78.25- 78.75	0	739	0.00	99.86
77.75- 78.25	0	739	0.00	99.86
77.25- 77.75	1	739	0.14	99.86
76.75- 77.25	3	738	0.41	99.73
76.25- 76.75	4	735	0.54	99.32
75.75- 76.25	4	731	0.54	98.78
75.25- 75.75	2	727	0.27	98.24
74.75- 75.25	5	725	0.68	97.97
74.25- 74.75	8	720	1.08	97.30
73.75- 74.25	7	712	0.95	96.22
73.25- 73.75	6	705	0.81	95.27
72.75- 73.25	17	699	2.30	94.46
72.25- 72.75	24	682	3.24	92.16
71.75- 72.25	22	658	2.97	88.92
71.25- 71.75	25	636	3.38	85.95
70.75- 71.25	25	611	3.38	82.57
70.25- 70.75	45	586	6.08	79.19
69.75- 70.25	35	541	4.73	73.11
69.25- 69.75	45	506	6.08	68.38
68.75- 69.25	52	461	7.03	62.30
68.25- 68.75	55	409	7.43	55.27
67.75- 68.25	45	354	6.08	47.84
67.25- 67.75	48	309	6.49	41.76
66.75- 67.25	38	261	5.14	35.27
66.25- 66.75	44	223	5.95	30.14
65.75- 66.25	35	179	4.73	24.19
65.25- 65.75	29	144	3.92	19.46
64.75- 65.25	24	115	3.24	15.54
64.25- 64.75	16	91	2.16	12.30
63.75- 64.25	15	75	2.03	10.14
63.25- 63.75	20	60	2.70	8.11
62.75- 63.25	14	40	1.89	5.41
62.25- 62.75	9	26	1.22	3.51
61.75- 62.25	5	17	0.68	2.30
61.25- 61.75	5	12	0.68	1.62
60.75- 61.25	1	7	0.14	0.95
60.25- 60.75	0	6	0.00	0.81
59.75- 60.25	1	6	0.14	0.81
59.25- 59.75	2	5	0.27	0.68
58.75- 59.25	1	3	0.14	0.41
58.25- 58.75	0	2	0.00	0.27
57.75- 58.25	1	2	0.14	0.27
57.25- 57.75	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS

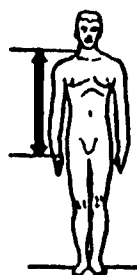
CENTIMETERS		INCHES
68.37	MEAN VALUE	26.92
0.12	SE (MEAN)	0.05
3.18	SD DEVIATION	1.25
0.08	SE (SD DEV)	0.03

SYMMETRY---	VETA I =	0.06
KURTOSIS---	VETA II =	3.41
COEF. OF VARIATION =		4.65

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
76.50	99TH	30.12
75.26	98TH	29.63
74.54	97TH	29.35
73.64	95TH	28.99
72.36	90TH	28.49
71.56	85TH	28.17
70.94	80TH	27.93
70.42	75TH	27.72
69.96	70TH	27.54
69.54	65TH	27.38
69.14	60TH	27.22
68.75	55TH	27.07
68.36	50TH	26.92
67.98	45TH	26.76
67.59	40TH	26.61
67.18	35TH	26.45
66.74	30TH	26.28
66.27	25TH	26.09
65.74	20TH	25.88
65.12	15TH	25.64
64.35	10TH	25.33
63.21	5TH	24.89
62.51	3RD	24.61
62.01	2RD	24.41
61.28	1ST	24.13



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

..... HIP BREADTH-STANDING

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
32.10 MEAN VALUE	12.64
0.06 SE (MEAN)	0.02
1.58 SD DEVIATION	0.62
0.04 SE (SD DEV)	0.02

SYMMETRY---VETA I =	0.17
KURTOSIS---VETA II =	2.87
COEF. OF VARIATION =	4.92

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS	INCHES
36.18 99TH	14.24
35.60 98TH	14.02
35.26 97TH	13.88
34.82 95TH	13.71
34.18 90TH	13.46
33.76 85TH	13.29
33.43 80TH	13.16
33.16 75TH	13.05
32.91 70TH	12.96
32.68 65TH	12.87
32.47 60TH	12.78
32.26 55TH	12.70
32.06 50TH	12.62
31.85 45TH	12.54
31.65 40TH	12.46
31.44 35TH	12.38
31.22 30TH	12.29
30.98 25TH	12.20
30.72 20TH	12.09
30.42 15TH	11.98
30.06 10TH	11.83
29.56 5TH	11.64
29.28 3RD	11.53
29.09 2RD	11.45
28.85 1ST	11.36



RANGES*	F	CUMF	FPCT	CUMPC
36.25- 36.75	7	740	0.95	100.00
35.75- 36.25	5	733	0.68	99.05
35.25- 35.75	9	728	1.22	98.38
34.75- 35.25	18	719	2.43	97.16
34.25- 34.75	27	701	3.65	94.73
33.75- 34.25	49	674	6.62	91.08
33.25- 33.75	58	625	7.84	84.46
32.75- 33.25	70	567	9.46	76.62
32.25- 32.75	96	497	12.97	67.16
31.75- 32.25	84	401	11.35	54.19
31.25- 31.75	93	317	12.57	42.84
30.75- 31.25	69	224	9.32	30.27
30.25- 30.75	64	155	8.65	20.95
29.75- 30.25	38	91	5.14	12.30
29.25- 29.75	37	53	5.00	7.16
28.75- 29.25	9	16	1.22	2.16
28.25- 28.75	4	7	0.54	0.95
27.75- 28.25	2	3	0.27	0.41
27.25- 27.75	0	1	0.00	0.14
26.75- 27.25	1	1	0.14	0.14

*IN CENTIMETERS

CHEST BREADTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES*	F	CUMF	FPCT	CUMFCT
---------	---	------	------	--------

39.75- 40.25	1	740	0.14	100.00
39.25- 39.75	0	739	0.00	99.86
38.75- 39.25	0	739	0.00	99.86
38.25- 38.75	1	739	0.14	99.86
37.75- 38.25	1	738	0.14	99.73
37.25- 37.75	0	737	0.00	99.59
36.75- 37.25	0	737	0.00	99.59
36.25- 36.75	1	737	0.14	99.59
35.75- 36.25	0	736	0.00	99.46
35.25- 35.75	2	736	0.27	99.46
34.75- 35.25	1	734	0.14	99.19
34.25- 34.75	2	733	0.27	99.05
33.75- 34.25	7	731	0.95	98.78
33.25- 33.75	7	724	0.95	97.84
32.75- 33.25	9	717	1.22	96.89
32.25- 32.75	15	708	2.03	95.68
31.75- 32.25	24	693	3.24	93.65
31.25- 31.75	44	669	5.95	90.41
30.75- 31.25	49	625	6.62	84.46
30.25- 30.75	85	576	11.49	77.84
29.75- 30.25	73	491	9.86	66.35
29.25- 29.75	95	418	12.84	56.49
28.75- 29.25	73	323	9.86	43.65
28.25- 28.75	79	250	10.68	33.78
27.75- 28.25	58	171	7.84	23.11
27.25- 27.75	48	113	6.49	15.27
26.75- 27.25	35	65	4.73	8.78
26.25- 26.75	17	30	2.30	4.05
25.75- 26.25	6	13	0.81	1.76
25.25- 25.75	4	7	0.54	0.95
24.75- 25.25	1	3	0.14	0.41
24.25- 24.75	2	2	0.27	0.27



CENTIMETERS

INCHES

29.57	MEAN VALUE	11.64
0.07	SE (MEAN)	0.03
1.83	SD DEVIATION	0.72
0.05	SE (SD DEV)	0.02

SYMMETRY---	VETA I =	0.77
KURTOSIS---	VETA II =	5.48
COEF. OF VARIATION =		6.19

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS

INCHES

34.67	99TH	13.65
33.77	98TH	13.30
33.27	97TH	13.10
32.64	95TH	12.85
31.81	90TH	12.52
31.30	85TH	12.32
30.93	80TH	12.18
30.62	75TH	12.06
30.36	70TH	11.95
30.12	65TH	11.86
29.90	60TH	11.77
29.68	55TH	11.69
29.47	50TH	11.60
29.27	45TH	11.52
29.06	40TH	11.44
28.84	35TH	11.35
28.61	30TH	11.27
28.37	25TH	11.17
28.09	20TH	11.06
27.78	15TH	10.94
27.38	10TH	10.78
26.81	5TH	10.56
26.46	3RD	10.42
26.22	2RD	10.32
25.87	1ST	10.19

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

***** CHEST DEPTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPT
31.05- 31.35	1	740	0.14	100.00
30.75- 31.05	0	739	0.00	99.86
30.45- 30.75	0	739	0.00	99.86
30.15- 30.45	0	739	0.00	99.86
29.85- 30.15	0	739	0.00	99.86
29.55- 29.85	0	739	0.00	99.86
29.25- 29.55	1	739	0.14	99.86
28.95- 29.25	0	738	0.00	99.73
28.65- 28.95	0	738	0.00	99.73
28.35- 28.65	0	738	0.00	99.73
28.05- 28.35	0	738	0.00	99.73
27.75- 28.05	0	738	0.00	99.73
27.45- 27.75	0	738	0.00	99.73
27.15- 27.45	0	738	0.00	99.73
26.85- 27.15	1	738	0.14	99.73
26.55- 26.85	1	737	0.14	99.59
26.25- 26.55	1	736	0.14	99.46
25.95- 26.25	4	735	0.54	99.32
25.65- 25.95	1	731	0.14	98.78
25.35- 25.65	8	730	1.08	98.65
25.05- 25.35	6	722	0.81	97.57
24.75- 25.05	10	716	1.35	96.76
24.45- 24.75	16	706	2.16	95.41
24.15- 24.45	16	690	2.16	93.24
23.85- 24.15	20	674	2.70	91.08
23.55- 23.85	21	654	2.84	88.38
23.25- 23.55	36	633	4.86	85.54
22.95- 23.25	53	597	7.16	80.68
22.65- 22.95	36	544	4.86	73.51
22.35- 22.65	59	508	7.97	68.65
22.05- 22.35	48	449	6.49	60.68
21.75- 22.05	68	401	9.19	54.19
21.45- 21.75	64	333	8.65	45.00
21.15- 21.45	63	269	8.51	36.35
20.85- 21.15	52	206	7.03	27.84
20.55- 20.85	33	154	4.46	20.81
20.25- 20.55	49	121	6.62	16.35
19.95- 20.25	29	72	3.92	9.73
19.65- 19.95	15	43	2.03	5.81
19.35- 19.65	17	28	2.30	3.78
19.05- 19.35	5	11	0.68	1.49
18.75- 19.05	3	6	0.41	0.81
18.45- 18.75	2	3	0.27	0.41
18.15- 18.45	0	1	0.00	0.14
17.85- 18.15	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
22.06	MEAN VALUE	8.68
0.06	SE (MEAN)	0.02
1.51	SD DEVIATION	0.60
0.04	SE (SD DEV)	0.02

SYMMETRY---	VETA I =	0.73
KURTOSIS---	VETA II =	5.04
COEF. OF VARIATION =		6.85

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
26.07	99TH	10.26
25.49	98TH	10.03
25.13	97TH	9.90
24.67	95TH	9.71
24.00	90TH	9.45
23.57	85TH	9.28
23.24	80TH	9.15
22.97	75TH	9.04
22.73	70TH	8.95
22.51	65TH	8.86
22.31	60TH	8.78
22.12	55TH	8.71
21.93	50TH	8.64
21.75	45TH	8.56
21.57	40TH	8.49
21.39	35TH	8.42
21.20	30TH	8.35
21.00	25TH	8.27
20.79	20TH	8.18
20.54	15TH	8.09
20.24	10TH	7.97
19.83	5TH	7.81
19.57	3RD	7.71
19.40	2RD	7.64
19.13	1ST	7.53



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....
HAND LENGTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
18.68	MEAN VALUE	7.35
0.03	SE (MEAN)	0.01
0.85	SD DEVIATION	0.33
0.02	SE (SD DEV)	0.01

SYMMETRY---	VETA I =	0.17
KURTOSIS---	VETA II =	2.87
COEF. OF VARIATION	=	4.55

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
20.71	99TH	8.15
20.48	98TH	8.06
20.33	97TH	8.01
20.13	95TH	7.92
19.81	90TH	7.80
19.58	85TH	7.71
19.41	80TH	7.64
19.26	75TH	7.58
19.12	70TH	7.53
19.00	65TH	7.48
18.88	60TH	7.43
18.76	55TH	7.39
18.65	50TH	7.34
18.54	45TH	7.30
18.43	40TH	7.26
18.32	35TH	7.21
18.20	30TH	7.17
18.07	25TH	7.12
17.94	20TH	7.06
17.78	15TH	7.00
17.59	10TH	6.93
17.33	5TH	6.82
17.17	3RD	6.76
17.06	2RD	6.72
16.90	1ST	6.65



RANGES*	F	CUMF	FPCT	CUMPCT
21.55- 21.75	1	740	0.14	100.00
21.35- 21.55	0	739	0.00	99.86
21.15- 21.35	1	739	0.14	99.86
20.95- 21.15	2	738	0.27	99.73
20.75- 20.95	2	736	0.27	99.46
20.55- 20.75	7	734	0.95	99.19
20.35- 20.55	8	727	1.08	98.24
20.15- 20.35	11	719	1.49	97.16
19.95- 20.15	19	708	2.57	95.68
19.75- 19.95	28	689	3.78	93.11
19.55- 19.75	46	661	6.22	89.32
19.35- 19.55	36	615	4.86	83.11
19.15- 19.35	56	579	7.57	78.24
18.95- 19.15	47	523	6.35	70.68
18.75- 18.95	77	476	10.41	64.32
18.55- 18.75	71	399	9.59	53.92
18.35- 18.55	56	328	7.57	44.32
18.15- 18.35	68	272	9.19	36.76
17.95- 18.15	46	204	6.22	27.57
17.75- 17.95	49	158	6.62	21.35
17.55- 17.75	47	109	6.35	14.73
17.35- 17.55	25	62	3.38	8.38
17.15- 17.35	18	37	2.43	5.00
16.95- 17.15	10	19	1.35	2.57
16.75- 16.95	5	9	0.68	1.22
16.55- 16.75	3	4	0.41	0.54
16.35- 16.55	0	1	0.00	0.14
16.15- 16.35	0	1	0.00	0.14
15.95- 16.15	1	1	0.14	0.14

*IN CENTIMETERS

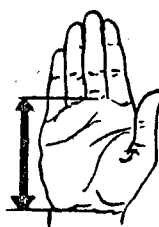
THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR PALM LENGTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
10.42	MEAN VALUE	4.10
0.02	SE (MEAN)	0.01
0.50	SD DEVIATION	0.20
0.01	SE (SD DEV)	0.01

RANGES*	F	CUMF	FPCT	CUMPT
11.85- 11.95	1	740	0.14	100.00
11.75- 11.85	3	739	0.41	99.86
11.65- 11.75	2	736	0.27	99.46
11.55- 11.65	6	734	0.81	99.19
11.45- 11.55	8	728	1.08	98.38
11.35- 11.45	8	720	1.08	97.30
11.25- 11.35	19	712	2.57	96.22
11.15- 11.25	15	693	2.03	93.65
11.05- 11.15	21	678	2.84	91.62
10.95- 11.05	19	657	2.57	88.78
10.85- 10.95	55	638	7.43	86.22
10.75- 10.85	20	583	2.70	78.78
10.65- 10.75	43	563	5.81	76.08
10.55- 10.65	45	520	6.08	70.27
10.45- 10.55	47	475	6.35	64.19
10.35- 10.45	81	428	10.95	57.84
10.25- 10.35	79	347	10.68	46.89
10.15- 10.25	53	268	7.16	36.22
10.05- 10.15	42	215	5.68	29.05
9.95- 10.05	58	173	7.84	23.38
9.85- 9.95	27	115	3.65	15.54
9.75- 9.85	26	88	3.51	11.89
9.65- 9.75	18	62	2.43	8.38
9.55- 9.65	20	44	2.70	5.95
9.45- 9.55	9	24	1.22	3.24
9.35- 9.45	6	15	0.81	2.03
9.25- 9.35	5	9	0.68	1.22
9.15- 9.25	2	4	0.27	0.54
9.05- 9.15	1	2	0.14	0.27
8.95- 9.05	0	1	0.00	0.14
8.85- 8.95	1	1	0.14	0.14



 SYMMETRY---VETA I = 0.21
 KURTOSIS---VETA II = 2.97
 COEF. OF VARIATION = 4.77

 NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
11.64	99TH	4.58
11.51	98TH	4.53
11.42	97TH	4.50
11.29	95TH	4.44
11.08	90TH	4.36
10.94	85TH	4.31
10.83	80TH	4.27
10.74	75TH	4.23
10.66	70TH	4.20
10.58	65TH	4.17
10.52	60TH	4.14
10.45	55TH	4.11
10.39	50TH	4.09
10.33	45TH	4.07
10.27	40TH	4.04
10.20	35TH	4.02
10.14	30TH	3.99
10.07	25TH	3.97
10.00	20TH	3.94
9.92	15TH	3.90
9.81	10TH	3.86
9.65	5TH	3.80
9.54	3RD	3.75
9.45	2RD	3.72
9.30	1ST	3.66

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....
HAND BREADTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

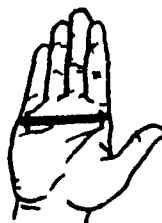
CENTIMETERS		INCHES
8.70	MEAN VALUE	3.42
0.02	SE (MEAN)	0.01
0.41	SD DEVIATION	0.16
0.01	SE (SD DEV)	0.00

SYMMETRY---	VETA I =	0.21
KURTOSIS---	VETA II =	3.00
COEF. OF VARIATION	=	4.71

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
9.71	99TH	3.82
9.58	98TH	3.77
9.50	97TH	3.74
9.39	95TH	3.70
9.23	90TH	3.63
9.12	85TH	3.59
9.04	80TH	3.56
8.97	75TH	3.53
8.90	70TH	3.51
8.85	65TH	3.48
8.79	60TH	3.46
8.74	55TH	3.44
8.69	50TH	3.42
8.63	45TH	3.40
8.58	40TH	3.38
8.53	35TH	3.36
8.47	30TH	3.34
8.41	25TH	3.31
8.35	20TH	3.29
8.27	15TH	3.26
8.18	10TH	3.22
8.04	5TH	3.17
7.96	3RD	3.13
7.90	2RD	3.11
7.81	1ST	3.07



RANGES*	F	CUMF	FPCT	CUMPCT
10.05- 10.15	1	740	0.14	100.00
9.95- 10.05	2	739	0.27	99.86
9.85- 9.95	1	737	0.14	99.59
9.75- 9.85	2	736	0.27	99.46
9.65- 9.75	4	734	0.54	99.19
9.55- 9.65	7	730	0.95	98.65
9.45- 9.55	11	723	1.49	97.70
9.35- 9.45	16	712	2.16	96.22
9.25- 9.35	24	696	3.24	94.05
9.15- 9.25	26	672	3.51	90.81
9.05- 9.15	37	646	5.00	87.30
8.95- 9.05	75	609	10.14	82.30
8.85- 8.95	67	534	9.05	72.16
8.75- 8.85	47	467	6.35	63.11
8.65- 8.75	71	420	9.59	56.76
8.55- 8.65	55	349	7.43	47.16
8.45- 8.55	94	294	12.70	39.73
8.35- 8.45	58	200	7.84	27.03
8.25- 8.35	48	142	6.49	19.19
8.15- 8.25	28	94	3.78	12.70
8.05- 8.15	18	66	2.43	8.92
7.95- 8.05	31	48	4.19	6.49
7.85- 7.95	6	17	0.81	2.30
7.75- 7.85	7	11	0.95	1.49
7.65- 7.75	4	4	0.54	0.54

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
ARM REACH-UPWARD

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPT
151.25-152.25	2	740	0.27	100.00
150.25-151.25	3	738	0.41	99.73
149.25-150.25	2	735	0.27	99.32
148.25-149.25	3	733	0.41	99.05
147.25-148.25	4	730	0.54	98.65
146.25-147.25	6	726	0.81	98.11
145.25-146.25	5	720	0.68	97.30
144.25-145.25	17	715	2.30	96.62
143.25-144.25	15	698	2.03	94.32
142.25-143.25	23	683	3.11	92.30
141.25-142.25	22	660	2.97	89.19
140.25-141.25	26	638	3.51	86.22
139.25-140.25	48	612	6.49	82.70
138.25-139.25	47	564	6.35	76.22
137.25-138.25	58	517	7.84	69.86
136.25-137.25	69	459	9.32	62.03
135.25-136.25	68	390	9.19	52.70
134.25-135.25	67	322	9.05	43.51
133.25-134.25	57	255	7.70	34.46
132.25-133.25	59	198	7.97	26.76
131.25-132.25	36	139	4.86	18.78
130.25-131.25	32	103	4.32	13.92
129.25-130.25	28	71	3.78	9.59
128.25-129.25	14	43	1.89	5.81
127.25-128.25	12	29	1.62	3.92
126.25-127.25	9	17	1.22	2.30
125.25-126.25	3	8	0.41	1.08
124.25-125.25	1	5	0.14	0.68
123.25-124.25	3	4	0.41	0.54
122.25-123.25	0	1	0.00	0.14
121.25-122.25	0	1	0.00	0.14
120.25-121.25	0	1	0.00	0.14
119.25-120.25	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
136.19 MEAN VALUE	53.62
0.17 SE (MEAN)	0.07
4.74 SD DEVIATION	1.86
0.12 SE (SD DEV)	0.05

SYMMETRY---VETA I = 0.29
KURTOSIS---VETA II = 3.40
COEF. OF VARIATION = 3.48

NUMBER OF SUBJECTS = 740.



THE PERCENTILES

CENTIMETERS	INCHES
149.13	99TH 58.71
147.12	98TH 57.92
145.93	97TH 57.45
144.41	95TH 56.86
142.27	90TH 56.01
140.94	85TH 55.49
139.93	80TH 55.09
139.10	75TH 54.76
138.37	70TH 54.48
137.71	65TH 54.22
137.10	60TH 53.98
136.52	55TH 53.75
135.95	50TH 53.52
135.39	45TH 53.30
134.83	40TH 53.08
134.25	35TH 52.85
133.65	30TH 52.62
133.00	25TH 52.36
132.27	20TH 52.08
131.44	15TH 51.75
130.39	10TH 51.33
128.83	5TH 50.72
127.82	3RD 50.32
127.08	2RD 50.03
125.93	1ST 49.58

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR SITTING HEIGHT

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS INCHES

88.47 MEAN VALUE 34.83
0.12 SE (MEAN) 0.05
3.20 SD DEVIATION 1.26
0.08 SE (SD DEV) 0.03

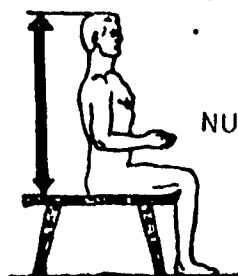
SYMMETRY---VETA I = 0.09
KURTOSIS---VETA II = 3.21
COEF. OF VARIATION = 3.62

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS INCHES

95.98	99TH	37.79
95.19	98TH	37.48
94.65	97TH	37.26
93.88	95TH	36.96
92.66	90TH	36.48
91.82	85TH	36.15
91.16	80TH	35.89
90.59	75TH	35.67
90.09	70TH	35.47
89.63	65TH	35.29
89.20	60TH	35.12
88.78	55TH	34.95
88.38	50TH	34.80
87.98	45TH	34.64
87.58	40TH	34.48
87.17	35TH	34.32
86.74	30TH	34.15
86.28	25TH	33.97
85.77	20TH	33.77
85.17	15TH	33.53
84.40	10TH	33.23
83.20	5TH	32.76
82.37	3RD	32.43
81.72	2RD	32.17
80.61	1ST	31.74



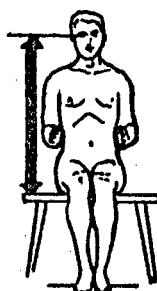
RANGES*	F	CUMF	FPCT	CUMPCT
99.25-100.25	2	740	0.27	100.00
98.25- 99.25	1	738	0.14	99.73
97.25- 98.25	0	737	0.00	99.59
96.25- 97.25	2	737	0.27	99.59
95.25- 96.25	8	735	1.08	99.32
94.25- 95.25	19	727	2.57	98.24
93.25- 94.25	17	708	2.30	95.68
92.25- 93.25	33	691	4.46	93.38
91.25- 92.25	60	658	8.11	88.92
90.25- 91.25	73	598	9.86	80.81
89.25- 90.25	75	525	10.14	70.95
88.25- 89.25	92	450	12.43	60.81
87.25- 88.25	87	358	11.76	48.38
86.25- 87.25	89	271	12.03	36.62
85.25- 86.25	71	182	9.59	24.59
84.25- 85.25	47	111	6.35	15.00
83.25- 84.25	29	64	3.92	8.65
82.25- 83.25	13	35	1.76	4.73
81.25- 82.25	10	22	1.35	2.97
80.25- 81.25	9	12	1.22	1.62
79.25- 80.25	3	3	0.41	0.41

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR EYE HEIGHT-SITTING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMFCT
87.25- 88.25	2	740	0.27	100.00
86.25- 87.25	2	738	0.27	99.73
85.25- 86.25	1	736	0.14	99.46
84.25- 85.25	9	735	1.22	99.32
83.25- 84.25	14	726	1.89	98.11
82.25- 83.25	15	712	2.03	96.22
81.25- 82.25	32	697	4.32	94.19
80.25- 81.25	63	665	8.51	89.86
79.25- 80.25	72	602	9.73	81.35
78.25- 79.25	91	530	12.30	71.62
77.25- 78.25	100	439	13.51	59.32
76.25- 77.25	81	339	10.95	45.81
75.25- 76.25	83	258	11.22	34.86
74.25- 75.25	68	175	9.19	23.65
73.25- 74.25	50	107	6.76	14.46
72.25- 73.25	24	57	3.24	7.70
71.25- 72.25	15	33	2.03	4.46
70.25- 71.25	9	18	1.22	2.43
69.25- 70.25	5	9	0.68	1.22
68.25- 69.25	0	4	0.00	0.54
67.25- 68.25	3	4	0.41	0.54
66.25- 67.25	0	1	0.00	0.14
65.25- 66.25	1	1	0.14	0.14



CENTIMETERS	INCHES
77.50	MEAN VALUE 30.51
0.12	SE (MEAN) 0.05
3.13	SD DEVIATION 1.23
0.08	SE (SD DEV) 0.03

SYMMETRY---	VETA I = -0.02
KURTOSIS---	VETA II = 3.41
COEF. OF VARIATION	= 4.04

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS	INCHES
85.07	99TH 33.49
84.10	98TH 33.11
83.50	97TH 32.88
82.70	95TH 32.56
81.50	90TH 32.09
80.71	85TH 31.77
80.09	80TH 31.53
79.57	75TH 31.33
79.10	70TH 31.14
78.67	65TH 30.97
78.27	60TH 30.81
77.88	55TH 30.66
77.49	50TH 30.51
77.11	45TH 30.36
76.72	40TH 30.21
76.32	35TH 30.05
75.90	30TH 29.88
75.44	25TH 29.70
74.92	20TH 29.50
74.31	15TH 29.26
73.53	10TH 28.95
72.34	5TH 28.48
71.54	3RD 28.16
70.93	2RD 27.92
69.93	1ST 27.53

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

MID-SHOULDER HEIGHT-SITTING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
70.25- 70.75	1	740	0.14	100.00
69.75- 70.25	0	739	0.00	99.86
69.25- 69.75	0	739	0.00	99.86
68.75- 69.25	2	739	0.27	99.86
68.25- 68.75	2	737	0.27	99.59
67.75- 68.25	2	735	0.27	99.32
67.25- 67.75	4	733	0.54	99.05
66.75- 67.25	5	729	0.68	98.51
66.25- 66.75	7	724	0.95	97.84
65.75- 66.25	10	717	1.35	96.89
65.25- 65.75	10	707	1.35	95.54
64.75- 65.25	20	697	2.70	94.19
64.25- 64.75	16	677	2.16	91.49
63.75- 64.25	25	661	3.38	89.32
63.25- 63.75	27	636	3.65	85.95
62.75- 63.25	49	609	6.62	82.30
62.25- 62.75	41	560	5.54	75.68
61.75- 62.25	63	519	8.51	70.14
61.25- 61.75	53	456	7.16	61.62
60.75- 61.25	53	403	7.16	54.46
60.25- 60.75	43	350	5.81	47.30
59.75- 60.25	57	307	7.70	41.49
59.25- 59.75	45	250	6.08	33.78
58.75- 59.25	50	205	6.76	27.70
58.25- 58.75	34	155	4.59	20.95
57.75- 58.25	45	121	6.08	16.35
57.25- 57.75	22	76	2.97	10.27
56.75- 57.25	14	54	1.89	7.30
56.25- 56.75	12	40	1.62	5.41
55.75- 56.25	13	28	1.76	3.78
55.25- 55.75	5	15	0.68	2.03
54.75- 55.25	4	10	0.54	1.35
54.25- 54.75	2	6	0.27	0.81
53.75- 54.25	1	4	0.14	0.54
53.25- 53.75	2	3	0.27	0.41
52.75- 53.25	0	1	0.00	0.14
52.25- 52.75	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
60.94	MEAN VALUE	23.99
0.10	SE (MEAN)	0.04
2.69	SD DEVIATION	1.06
0.07	SE (SD DEV)	0.03

SYMMETRY---	VETA I =	0.18
KURTOSIS---	VETA II =	3.16
COEF. OF VARIATION	=	4.42

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
67.74	99TH	26.67
66.83	98TH	26.31
66.27	97TH	26.09
65.53	95TH	25.80
64.43	90TH	25.37
63.71	85TH	25.08
63.16	80TH	24.87
62.69	75TH	24.68
62.27	70TH	24.52
61.90	65TH	24.37
61.54	60TH	24.23
61.20	55TH	24.09
60.86	50TH	23.96
60.53	45TH	23.83
60.20	40TH	23.70
59.86	35TH	23.57
59.50	30TH	23.42
59.11	25TH	23.27
58.68	20TH	23.10
58.19	15TH	22.91
57.57	10TH	22.67
56.66	5TH	22.31
56.07	3RD	22.07
55.64	2RD	21.90
54.96	1ST	21.64



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SHOULDER (ACROMION) HEIGHT SITTING

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS INCHES

58.21 MEAN VALUE 22.92
0.10 SE(MEAN) 0.04
2.74 SD DEVIATION 1.08
0.07 SE(SD DEV) 0.03

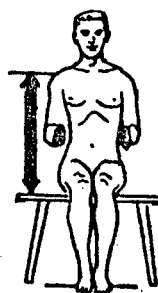
SYMMETRY---VETA I = 0.17
KURTOSIS---VETA II = 3.12
COEF. OF VARIATION = 4.71

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS INCHES

65.18 99TH 25.66
64.23 98TH 25.29
63.64 97TH 25.06
62.88 95TH 24.76
61.76 90TH 24.31
61.03 85TH 24.03
60.47 80TH 23.81
59.99 75TH 23.62
59.57 70TH 23.45
59.18 65TH 23.30
58.82 60TH 23.16
58.47 55TH 23.02
58.13 50TH 22.89
57.79 45TH 22.75
57.45 40TH 22.62
57.10 35TH 22.48
56.73 30TH 22.34
56.34 25TH 22.18
55.90 20TH 22.01
55.39 15TH 21.81
54.76 10TH 21.56
53.83 5TH 21.19
53.25 3RD 20.96
52.83 2RD 20.80
52.18 1ST 20.54



RANGES*	F	CUMF	FPCT	CUMPT
66.75- 67.25	2	740	0.27	100.00
66.25- 66.75	1	738	0.14	99.73
65.75- 66.25	1	737	0.14	99.59
65.25- 65.75	3	736	0.41	99.46
64.75- 65.25	2	733	0.27	99.05
64.25- 64.75	6	731	0.81	98.78
63.75- 64.25	6	725	0.81	97.97
63.25- 63.75	4	719	0.54	97.16
62.75- 63.25	19	715	2.57	96.62
62.25- 62.75	14	696	1.89	94.05
61.75- 62.25	20	682	2.70	92.16
61.25- 61.75	21	662	2.84	89.46
60.75- 61.25	26	641	3.51	86.62
60.25- 60.75	31	615	4.19	83.11
59.75- 60.25	43	584	5.81	78.92
59.25- 59.75	52	541	7.03	73.11
58.75- 59.25	64	489	8.65	66.08
58.25- 58.75	39	425	5.27	57.43
57.75- 58.25	59	386	7.97	52.16
57.25- 57.75	51	327	6.89	44.19
56.75- 57.25	51	276	6.89	37.30
56.25- 56.75	42	225	5.68	30.41
55.75- 56.25	50	183	6.76	24.73
55.25- 55.75	37	133	5.00	17.97
54.75- 55.25	29	96	3.92	12.97
54.25- 54.75	20	67	2.70	9.05
53.75- 54.25	13	47	1.76	6.35
53.25- 53.75	9	34	1.22	4.59
52.75- 53.25	10	25	1.35	3.38
52.25- 52.75	8	15	1.08	2.03
51.75- 52.25	1	7	0.14	0.95
51.25- 51.75	2	6	0.27	0.81
50.75- 51.25	2	4	0.27	0.54
50.25- 50.75	1	2	0.14	0.27
49.75- 50.25	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR KNEE HEIGHT-SITTING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPC
58.25- 58.75	2	740	0.27	100.00
57.75- 58.25	3	738	0.41	99.73
57.25- 57.75	5	735	0.68	99.32
56.75- 57.25	5	730	0.68	98.65
56.25- 56.75	7	725	0.95	97.97
55.75- 56.25	8	718	1.08	97.03
55.25- 55.75	18	710	2.43	95.95
54.75- 55.25	18	692	2.43	93.51
54.25- 54.75	14	674	1.89	91.08
53.75- 54.25	33	660	4.46	89.19
53.25- 53.75	42	627	5.68	84.73
52.75- 53.25	51	585	6.89	79.05
52.25- 52.75	73	534	9.86	72.16
51.75- 52.25	65	461	8.78	62.30
51.25- 51.75	72	396	9.73	53.51
50.75- 51.25	71	324	9.59	43.78
50.25- 50.75	50	253	6.76	34.19
49.75- 50.25	65	203	8.78	27.43
49.25- 49.75	46	138	6.22	18.65
48.75- 49.25	39	92	5.27	12.43
48.25- 48.75	21	53	2.84	7.16
47.75- 48.25	11	32	1.49	4.32
47.25- 47.75	8	21	1.08	2.84
46.75- 47.25	9	13	1.22	1.76
46.25- 46.75	0	4	0.00	0.54
45.75- 46.25	1	4	0.14	0.54
45.25- 45.75	2	3	0.27	0.41
44.75- 45.25	0	1	0.00	0.14
44.25- 44.75	1	1	0.14	0.14

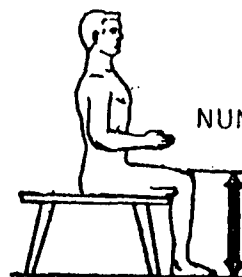
*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
51.65 MEAN VALUE	20.34
0.08 SE (MEAN)	0.03
2.17 SD DEVIATION	0.86
0.06 SE (SD DEV)	0.02

SYMMETRY---VETA I =	0.27
KURTOSIS---VETA II =	3.31
COEF. OF VARIATION =	4.20

NUMBER OF SUBJECTS = 740.



THE PERCENTILES

CENTIMETERS	INCHES
57.59	99TH 22.67
56.71	98TH 22.33
56.18	97TH 22.12
55.49	95TH 21.85
54.50	90TH 21.46
53.87	85TH 21.21
53.40	80TH 21.02
53.00	75TH 20.87
52.66	70TH 20.73
52.35	65TH 20.61
52.07	60TH 20.50
51.80	55TH 20.39
51.53	50TH 20.29
51.27	45TH 20.19
51.02	40TH 20.08
50.75	35TH 19.98
50.48	30TH 19.87
50.18	25TH 19.76
49.85	20TH 19.63
49.48	15TH 19.48
49.00	10TH 19.29
48.29	5TH 19.01
47.82	3RD 18.83
47.46	2RD 18.69
46.89	1ST 18.46

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

POPLITEAL HEIGHT-SITTING

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS

INCHES

40.23 MEAN VALUE 15.84
0.06 SE (MEAN) 0.02
1.72 SD DEVIATION 0.68
0.04 SE (SD DEV) 0.02

SYMMETRY---VETA I = 0.27
KURTOSIS---VETA II = 4.01
COEF. OF VARIATION = 4.27

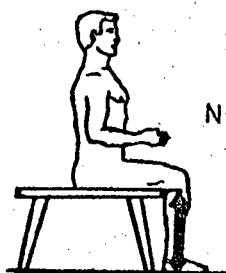
NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS

INCHES

44.97 99TH 17.70
44.21 98TH 17.41
43.76 97TH 17.23
43.20 95TH 17.01
42.40 90TH 16.69
41.91 85TH 16.50
41.55 80TH 16.36
41.25 75TH 16.24
40.99 70TH 16.14
40.76 65TH 16.05
40.55 60TH 15.96
40.35 55TH 15.89
40.15 50TH 15.81
39.96 45TH 15.73
39.77 40TH 15.66
39.57 35TH 15.58
39.36 30TH 15.50
39.14 25TH 15.41
38.88 20TH 15.31
38.58 15TH 15.19
38.19 10TH 15.04
37.58 5TH 14.79
37.15 3RD 14.62
36.81 2RD 14.49
36.24 1ST 14.27



RANGES*	F	CUMF	FPCT	CUMPT
46.25- 46.75	2	740	0.27	100.00
45.75- 46.25	3	738	0.41	99.73
45.25- 45.75	0	735	0.00	99.32
44.75- 45.25	5	735	0.68	99.32
44.25- 44.75	2	730	0.27	98.65
43.75- 44.25	11	728	1.49	98.38
43.25- 43.75	13	717	1.76	96.89
42.75- 43.25	18	704	2.43	95.14
42.25- 42.75	28	686	3.78	92.70
41.75- 42.25	44	658	5.95	88.92
41.25- 41.75	58	614	7.84	82.97
40.75- 41.25	78	556	10.54	75.14
40.25- 40.75	89	478	12.03	64.59
39.75- 40.25	97	389	13.11	52.57
39.25- 39.75	82	292	11.08	39.46
38.75- 39.25	81	210	10.95	28.38
38.25- 38.75	61	129	8.24	17.43
37.75- 38.25	27	68	3.65	9.19
37.25- 37.75	14	41	1.89	5.54
36.75- 37.25	13	27	1.76	3.65
36.25- 36.75	7	14	0.95	1.89
35.75- 36.25	2	7	0.27	0.95
35.25- 35.75	3	5	0.41	0.68
34.75- 35.25	1	2	0.14	0.27
34.25- 34.75	0	1	0.00	0.14
33.75- 34.25	0	1	0.00	0.14
33.25- 33.75	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

ARM REACH-FORWARD

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
84.76	MEAN VALUE	33.37
0.13	SE (MEAN)	0.05
3.52	SD DEVIATION	1.38
0.09	SE (SD DEV)	0.04

SYMMETRY---	VETA I =	0.16
KURTOSIS---	VETA II =	2.97
COEF. OF VARIATION	=	4.15

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
93.24	99TH	36.71
92.25	98TH	36.32
91.62	97TH	36.07
90.75	95TH	35.73
89.39	90TH	35.19
88.48	85TH	34.83
87.75	80TH	34.55
87.13	75TH	34.30
86.57	70TH	34.08
86.06	65TH	33.88
85.58	60TH	33.69
85.11	55TH	33.51
84.65	50TH	33.33
84.20	45TH	33.15
83.74	40TH	32.97
83.28	35TH	32.79
82.79	30TH	32.60
82.27	25TH	32.39
81.70	20TH	32.17
81.05	15TH	31.91
80.25	10TH	31.59
79.10	5TH	31.14
78.40	3RD	30.86
77.89	2RD	30.67
77.13	1ST	30.37



RANGES*	F	CUMF	FPCT	CUMPCT
96.25- 97.25	1	740	0.14	100.00
95.25- 96.25	2	739	0.27	99.86
94.25- 95.25	1	737	0.14	99.59
93.25- 94.25	3	736	0.41	99.46
92.25- 93.25	9	733	1.22	99.05
91.25- 92.25	9	724	1.22	97.84
90.25- 91.25	21	715	2.84	96.62
89.25- 90.25	34	694	4.59	93.78
88.25- 89.25	40	660	5.41	89.19
87.25- 88.25	52	620	7.03	83.78
86.25- 87.25	71	568	9.59	76.76
85.25- 86.25	90	497	12.16	67.16
84.25- 85.25	75	407	10.14	55.00
83.25- 84.25	64	332	8.65	44.86
82.25- 83.25	82	268	11.08	36.22
81.25- 82.25	62	186	8.38	25.14
80.25- 81.25	58	124	7.84	16.76
79.25- 80.25	28	66	3.78	8.92
78.25- 79.25	18	38	2.43	5.14
77.25- 78.25	12	20	1.62	2.70
76.25- 77.25	6	8	0.81	1.08
75.25- 76.25	1	2	0.14	0.27
74.25- 75.25	0	1	0.00	0.14
73.25- 74.25	0	1	0.00	0.14
72.25- 73.25	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SHOULDER-ELBOW LENGTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS

INCHES

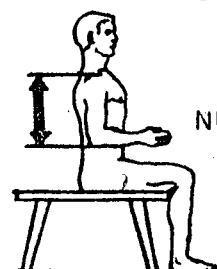
35.79 MEAN VALUE 14.09
0.06 SE(MEAN) 0.02
1.55 SD DEVIATION 0.61
0.04 SE(SD DEV) 0.02

RANGES* F CUMF FPCT CUMFCT

40.65- 40.95	1	740	0.14	100.00
40.35- 40.65	0	739	0.00	99.86
40.05- 40.35	3	739	0.41	99.86
39.75- 40.05	1	736	0.14	99.46
39.45- 39.75	3	735	0.41	99.32
39.15- 39.45	6	732	0.81	98.92
38.85- 39.15	7	726	0.95	98.11
38.55- 38.85	6	719	0.81	97.16
38.25- 38.55	11	713	1.49	96.35
37.95- 38.25	31	702	4.19	94.86
37.65- 37.95	14	671	1.89	90.68
37.35- 37.65	30	657	4.05	88.78
37.05- 37.35	39	627	5.27	84.73
36.75- 37.05	41	588	5.54	79.46
36.45- 36.75	52	547	7.03	73.92
36.15- 36.45	51	495	6.89	66.89
35.85- 36.15	69	444	9.32	60.00
35.55- 35.85	43	375	5.81	50.68
35.25- 35.55	63	332	8.51	44.86
34.95- 35.25	59	269	7.97	36.35
34.65- 34.95	25	210	3.38	28.38
34.35- 34.65	53	185	7.16	25.00
34.05- 34.35	35	132	4.73	17.84
33.75- 34.05	21	97	2.84	13.11
33.45- 33.75	26	76	3.51	10.27
33.15- 33.45	22	50	2.97	6.76
32.85- 33.15	13	28	1.76	3.78
32.55- 32.85	2	15	0.27	2.03
32.25- 32.55	6	13	0.81	1.76
31.95- 32.25	3	7	0.41	0.95
31.65- 31.95	1	4	0.14	0.54
31.35- 31.65	1	3	0.14	0.41
31.05- 31.35	1	2	0.14	0.27
30.75- 31.05	0	1	0.00	0.14
30.45- 30.75	1	1	0.14	0.14

SYMMETRY---VETA I = 0.06
KURTOSIS---VETA II = 3.00
COEF. OF VARIATION = 4.34

NUMBER OF SUBJECTS = 740.



THE PERCENTILES

CENTIMETERS

INCHES

39.53	99TH	15.56
39.06	98TH	15.38
38.77	97TH	15.26
38.38	95TH	15.11
37.79	90TH	14.88
37.39	85TH	14.72
37.09	80TH	14.60
36.82	75TH	14.50
36.58	70TH	14.40
36.37	65TH	14.32
36.16	60TH	14.24
35.96	55TH	14.16
35.76	50TH	14.08
35.57	45TH	14.00
35.37	40TH	13.93
35.17	35TH	13.85
34.95	30TH	13.76
34.72	25TH	13.67
34.47	20TH	13.57
34.18	15TH	13.46
33.81	10TH	13.31
33.28	5TH	13.10
32.95	3RD	12.97
32.71	2RD	12.88
32.35	1ST	12.74

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

FOREARM HAND LENGTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
46.04	MEAN VALUE	18.13
0.07	SE (MEAN)	0.03
1.89	SD DEVIATION	0.74
0.05	SE (SD DEV)	0.02

SYMMETRY---VETA I = 0.21
KURTOSIS---VETA II = 2.94
COEF. OF VARIATION = 4.10

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
50.63	99TH	19.93
50.17	98TH	19.75
49.84	97TH	19.62
49.37	95TH	19.44
48.61	90TH	19.14
48.08	85TH	18.93
47.66	80TH	18.76
47.31	75TH	18.62
46.99	70TH	18.50
46.70	65TH	18.39
46.44	60TH	18.28
46.18	55TH	18.18
45.94	50TH	18.09
45.70	45TH	17.99
45.46	40TH	17.90
45.22	35TH	17.80
44.97	30TH	17.71
44.71	25TH	17.60
44.43	20TH	17.49
44.11	15TH	17.37
43.71	10TH	17.21
43.13	5TH	16.98
42.74	3RD	16.83
42.44	2RD	16.71
41.95	1ST	16.51



RANGES*	F	CUMF	FPCT	CUMPCT
51.75- 52.25	1	740	0.14	100.00
51.25- 51.75	0	739	0.00	99.86
50.75- 51.25	4	739	0.54	99.86
50.25- 50.75	8	735	1.08	99.32
49.75- 50.25	11	727	1.49	98.24
49.25- 49.75	23	716	3.11	96.76
48.75- 49.25	21	693	2.84	93.65
48.25- 48.75	32	672	4.32	90.81
47.75- 48.25	30	640	4.05	86.49
47.25- 47.75	60	610	8.11	82.43
46.75- 47.25	52	550	7.03	74.32
46.25- 46.75	84	498	11.35	67.30
45.75- 46.25	68	414	9.19	55.95
45.25- 45.75	94	346	12.70	46.76
44.75- 45.25	63	252	8.51	34.05
44.25- 44.75	71	189	9.59	25.54
43.75- 44.25	40	118	5.41	15.95
43.25- 43.75	31	78	4.19	10.54
42.75- 43.25	24	47	3.24	6.35
42.25- 42.75	13	23	1.76	3.11
41.75- 42.25	5	10	0.68	1.35
41.25- 41.75	4	5	0.54	0.68
40.75- 41.25	0	1	0.00	0.14
40.25- 40.75	0	1	0.00	0.14
39.75- 40.25	0	1	0.00	0.14
39.25- 39.75	1	1	0.14	0.14

*IN. CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

***** SHOULDER BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPT
50.75- 51.25	2	740	0.27	100.00
50.25- 50.75	2	738	0.27	99.73
49.75- 50.25	1	736	0.14	99.46
49.25- 49.75	2	735	0.27	99.32
48.75- 49.25	3	733	0.41	99.05
48.25- 48.75	2	730	0.27	98.65
47.75- 48.25	10	728	1.35	98.38
47.25- 47.75	14	718	1.89	97.03
46.75- 47.25	16	704	2.16	95.14
46.25- 46.75	16	688	2.16	92.97
45.75- 46.25	20	672	2.70	90.81
45.25- 45.75	32	652	4.32	88.11
44.75- 45.25	35	620	4.73	83.78
44.25- 44.75	72	585	9.73	79.05
43.75- 44.25	55	513	7.43	69.32
43.25- 43.75	61	458	8.24	61.89
42.75- 43.25	69	397	9.32	53.65
42.25- 42.75	78	328	10.54	44.32
41.75- 42.25	46	250	6.22	33.78
41.25- 41.75	73	204	9.86	27.57
40.75- 41.25	40	131	5.41	17.70
40.25- 40.75	28	91	3.78	12.30
39.75- 40.25	27	63	3.65	8.51
39.25- 39.75	16	36	2.16	4.86
38.75- 39.25	9	20	1.22	2.70
38.25- 38.75	10	11	1.35	1.49
37.75- 38.25	0	1	0.00	0.14
37.25- 37.75	1	1	0.14	0.14



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
43.20	MEAN VALUE	17.01
0.08	SE(MEAN)	0.03
2.21	SD DEVIATION	0.87
0.06	SE(SD DEV)	0.02

SYMMETRY---	VETA I =	0.41
KURTOSIS---	VETA II =	3.30
COEF. OF VARIATION	=	5.12

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
49.14	99TH	19.35
48.26	98TH	19.00
47.73	97TH	18.79
47.05	95TH	18.52
46.07	90TH	18.14
45.44	85TH	17.89
44.97	80TH	17.71
44.57	75TH	17.55
44.23	70TH	17.41
43.91	65TH	17.29
43.62	60TH	17.17
43.34	55TH	17.06
43.07	50TH	16.96
42.80	45TH	16.85
42.53	40TH	16.75
42.26	35TH	16.64
41.97	30TH	16.53
41.67	25TH	16.40
41.33	20TH	16.27
40.94	15TH	16.12
40.46	10TH	15.93
39.77	5TH	15.66
39.33	3RD	15.48
39.01	2RD	15.36
38.53	1ST	15.17

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 ELBOW-TO-ELBOW BREADTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
42.70 MEAN VALUE	16.81
0.13 SE (MEAN)	0.05
3.43 SD DEVIATION	1.35
0.09 SE (SD DEV)	0.04

SYMMETRY---VETA I =	0.77
KURTOSIS---VETA II =	3.90
COEF. OF VARIATION =	8.03

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS	INCHES
53.08 99TH	20.90
51.36 98TH	20.22
50.35 97TH	19.82
49.07 95TH	19.32
47.27 90TH	18.61
46.17 85TH	18.18
45.36 80TH	17.86
44.70 75TH	17.60
44.13 70TH	17.37
43.62 65TH	17.17
43.16 60TH	16.99
42.72 55TH	16.82
42.31 50TH	16.66
41.91 45TH	16.50
41.51 40TH	16.34
41.12 35TH	16.19
40.71 30TH	16.03
40.29 25TH	15.86
39.83 20TH	15.68
39.33 15TH	15.48
38.72 10TH	15.24
37.88 5TH	14.92
37.39 3RD	14.72
37.05 2RD	14.59
36.55 1ST	14.39



RANGES*	F	CUMF	FPCT	CUMPT
56.25- 57.25	1	740	0.14	100.00
55.25- 56.25	1	739	0.14	99.86
54.25- 55.25	1	738	0.14	99.73
53.25- 54.25	3	737	0.41	99.59
52.25- 53.25	6	734	0.81	99.19
51.25- 52.25	4	728	0.54	98.38
50.25- 51.25	6	724	0.81	97.84
49.25- 50.25	13	718	1.76	97.03
48.25- 49.25	15	705	2.03	95.27
47.25- 48.25	21	690	2.84	93.24
46.25- 47.25	36	669	4.86	90.41
45.25- 46.25	47	633	6.35	85.54
44.25- 45.25	56	586	7.57	79.19
43.25- 44.25	77	530	10.41	71.62
42.25- 43.25	96	453	12.97	61.22
41.25- 42.25	88	357	11.89	48.24
40.25- 41.25	82	269	11.08	36.35
39.25- 40.25	79	187	10.68	25.27
38.25- 39.25	60	108	8.11	14.59
37.25- 38.25	32	48	4.32	6.49
36.25- 37.25	11	16	1.49	2.16
35.25- 36.25	4	5	0.54	0.68
34.25- 35.25	0	1	0.00	0.14
33.25- 34.25	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

***** HIP BREADTH-SITTING

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
33.46 MEAN VALUE	13.17
0.07 SE (MEAN)	0.03
1.79 SD DEVIATION	0.71
0.05 SE (SD DEV)	0.02

SYMMETRY---VETA I = 0.36
KURTOSIS---VETA II = 3.24
COEF. OF VARIATION = 5.35

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS	INCHES
38.44 99TH	15.13
37.65 98TH	14.82
37.19 97TH	14.64
36.62 95TH	14.42
35.81 90TH	14.10
35.31 85TH	13.90
34.93 80TH	13.75
34.61 75TH	13.63
34.33 70TH	13.52
34.08 65TH	13.42
33.84 60TH	13.32
33.61 55TH	13.23
33.39 50TH	13.14
33.16 45TH	13.06
32.94 40TH	12.97
32.71 35TH	12.88
32.47 30TH	12.78
32.21 25TH	12.68
31.93 20TH	12.57
31.61 15TH	12.44
31.21 10TH	12.29
30.67 5TH	12.08
30.35 3RD	11.95
30.15 2RD	11.87
29.87 1ST	11.76



RANGES*	F	CUMF	FPCT	CUMPT
40.25- 40.75	1	740	0.14	100.00
39.75- 40.25	0	739	0.00	99.86
39.25- 39.75	1	739	0.14	99.86
38.75- 39.25	3	738	0.41	99.73
38.25- 38.75	4	735	0.54	99.32
37.75- 38.25	2	731	0.27	98.78
37.25- 37.75	12	729	1.62	98.51
36.75- 37.25	9	717	1.22	96.89
36.25- 36.75	17	708	2.30	95.68
35.75- 36.25	19	691	2.57	93.38
35.25- 35.75	55	672	7.43	90.81
34.75- 35.25	44	617	5.95	83.38
34.25- 34.75	74	573	10.00	77.43
33.75- 34.25	63	499	8.51	67.43
33.25- 33.75	85	436	11.49	58.92
32.75- 33.25	77	351	10.41	47.43
32.25- 32.75	100	274	13.51	37.03
31.75- 32.25	48	174	6.49	23.51
31.25- 31.75	48	126	6.49	17.03
30.75- 31.25	31	78	4.19	10.54
30.25- 30.75	32	47	4.32	6.35
29.75- 30.25	9	15	1.22	2.03
29.25- 29.75	4	6	0.54	0.81
28.75- 29.25	1	2	0.14	0.27
28.25- 28.75	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 BUTTOCK-KNEE LENGTH

THE FREQUENCY TABLES

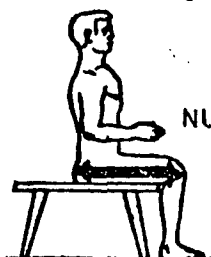
THE SUMMARY STATISTICS

CENTIMETERS		INCHES
55.50	MEAN VALUE	21.85
0.08	SE (MEAN)	0.03
2.27	SD DEVIATION	0.89
0.06	SE (SD DEV)	0.02

RANGES*	F	CUMF	FPCT	CUMPT
64.25- 64.75	1	740	0.14	100.00
63.75- 64.25	0	739	0.00	99.86
63.25- 63.75	1	739	0.14	99.86
62.75- 63.25	1	738	0.14	99.73
62.25- 62.75	1	737	0.14	99.59
61.75- 62.25	1	736	0.14	99.46
61.25- 61.75	2	735	0.27	99.32
60.75- 61.25	1	733	0.14	99.05
60.25- 60.75	9	732	1.22	98.92
59.75- 60.25	6	723	0.81	97.70
59.25- 59.75	17	717	2.30	96.89
58.75- 59.25	17	700	2.30	94.59
58.25- 58.75	33	683	4.46	92.30
57.75- 58.25	25	650	3.38	87.84
57.25- 57.75	56	625	7.57	84.46
56.75- 57.25	43	569	5.81	76.89
56.25- 56.75	51	526	6.89	71.08
55.75- 56.25	44	475	5.95	64.19
55.25- 55.75	87	431	11.76	58.24
54.75- 55.25	53	344	7.16	46.49
54.25- 54.75	69	291	9.32	39.32
53.75- 54.25	43	222	5.81	30.00
53.25- 53.75	67	179	9.05	24.19
52.75- 53.25	29	112	3.92	15.14
52.25- 52.75	42	83	5.68	11.22
51.75- 52.25	18	41	2.43	5.54
51.25- 51.75	10	23	1.35	3.11
50.75- 51.25	7	13	0.95	1.76
50.25- 50.75	3	6	0.41	0.81
49.75- 50.25	0	3	0.00	0.41
49.25- 49.75	2	3	0.27	0.41
48.75- 49.25	0	1	0.00	0.14
48.25- 48.75	0	1	0.00	0.14
47.75- 48.25	1	1	0.14	0.14

SYMMETRY---VETA I = 0.29
 KURTOSIS---VETA II = 3.24
 COEF. OF VARIATION = 4.08

NUMBER OF SUBJECTS = 740.



THE PERCENTILES

CENTIMETERS		INCHES
60.99	99TH	24.01
60.36	98TH	23.76
59.94	97TH	23.60
59.37	95TH	23.37
58.47	90TH	23.02
57.87	85TH	22.78
57.39	80TH	22.59
56.98	75TH	22.43
56.62	70TH	22.29
56.28	65TH	22.16
55.97	60TH	22.04
55.68	55TH	21.92
55.39	50TH	21.81
55.10	45TH	21.69
54.82	40TH	21.58
54.53	35TH	21.47
54.23	30TH	21.35
53.91	25TH	21.23
53.57	20TH	21.09
53.18	15TH	20.94
52.71	10TH	20.75
52.05	5TH	20.49
51.64	3RD	20.33
51.35	2RD	20.22
50.90	1ST	20.04

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

BUTTOCK-POPLITEAL LENGTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

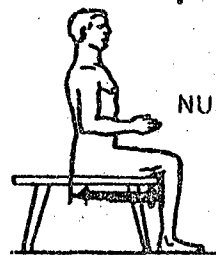
CENTIMETERS		INCHES
45.38	MEAN VALUE	17.87
0.07	SE(MEAN)	0.03
1.99	SD DEVIATION	0.78
0.05	SE(SD DEV)	0.02

SYMMETRY---	VETA I =	0.22
KURTOSIS---	VETA II =	3.11
COEF. OF VARIATION	=	4.39

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
49.96	99TH	19.67
49.53	98TH	19.50
49.22	97TH	19.38
48.77	95TH	19.20
48.02	90TH	18.91
47.50	85TH	18.70
47.08	80TH	18.53
46.71	75TH	18.39
46.39	70TH	18.26
46.10	65TH	18.15
45.82	60TH	18.04
45.55	55TH	17.93
45.30	50TH	17.83
45.04	45TH	17.73
44.79	40TH	17.63
44.53	35TH	17.53
44.27	30TH	17.43
43.99	25TH	17.32
43.69	20TH	17.20
43.34	15TH	17.06
42.92	10TH	16.90
42.30	5TH	16.65
41.90	3RD	16.50
41.60	2RD	16.38
41.12	1ST	16.19



RANGES*	F	CUMF	FPCT	CUMPT
52.25- 52.75	1	740	0.14	100.00
51.75- 52.25	3	739	0.41	99.86
51.25- 51.75	1	736	0.14	99.46
50.75- 51.25	0	735	0.00	99.32
50.25- 50.75	1	735	0.14	99.32
49.75- 50.25	3	734	0.41	99.19
49.25- 49.75	12	731	1.62	98.78
48.75- 49.25	13	719	1.76	97.16
48.25- 48.75	28	706	3.78	95.41
47.75- 48.25	24	678	3.24	91.62
47.25- 47.75	55	654	7.43	88.38
46.75- 47.25	39	599	5.27	80.95
46.25- 46.75	51	560	6.89	75.68
45.75- 46.25	82	509	11.08	68.78
45.25- 45.75	72	427	9.73	57.70
44.75- 45.25	68	355	9.19	47.97
44.25- 44.75	65	287	8.78	38.78
43.75- 44.25	55	222	7.43	30.00
43.25- 43.75	57	167	7.70	22.57
42.75- 43.25	50	110	6.76	14.86
42.25- 42.75	30	60	4.05	8.11
41.75- 42.25	15	30	2.03	4.05
41.25- 41.75	6	15	0.81	2.03
40.75- 41.25	3	9	0.41	1.22
40.25- 40.75	3	6	0.41	0.81
39.75- 40.25	1	3	0.14	0.41
39.25- 39.75	2	2	0.27	0.27

*IN CENTIMETERS

II-169

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR BACK-WAIST LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPT
56.75- 57.25	2	740	0.27	100.00
56.25- 56.75	1	738	0.14	99.73
55.75- 56.25	2	737	0.27	99.59
55.25- 55.75	1	735	0.14	99.32
54.75- 55.25	4	734	0.54	99.19
54.25- 54.75	2	730	0.27	98.65
53.75- 54.25	5	728	0.68	98.38
53.25- 53.75	2	723	0.27	97.70
52.75- 53.25	9	721	1.22	97.43
52.25- 52.75	16	712	2.16	96.22
51.75- 52.25	23	696	3.11	94.05
51.25- 51.75	14	673	1.89	90.95
50.75- 51.25	23	659	3.11	89.05
50.25- 50.75	10	636	1.35	85.95
49.75- 50.25	62	626	8.38	84.59
49.25- 49.75	26	564	3.51	76.22
48.75- 49.25	43	538	5.81	72.70
48.25- 48.75	43	495	5.81	66.89
47.75- 48.25	48	452	6.49	61.08
47.25- 47.75	33	404	4.46	54.59
46.75- 47.25	41	371	5.54	50.14
46.25- 46.75	51	330	6.89	44.59
45.75- 46.25	47	279	6.35	37.70
45.25- 45.75	33	232	4.46	31.35
44.75- 45.25	31	199	4.19	26.89
44.25- 44.75	34	168	4.59	22.70
43.75- 44.25	39	134	5.27	18.11
43.25- 43.75	20	95	2.70	12.84
42.75- 43.25	18	75	2.43	10.14
42.25- 42.75	16	57	2.16	7.70
41.75- 42.25	17	41	2.30	5.54
41.25- 41.75	7	24	0.95	3.24
40.75- 41.25	9	17	1.22	2.30
40.25- 40.75	5	8	0.68	1.08
39.75- 40.25	1	3	0.14	0.41
39.25- 39.75	1	2	0.14	0.27
38.75- 39.25	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
47.30	MEAN VALUE 18.62
0.12	SE(MEAN) 0.05
3.15	SD DEVIATION 1.24
0.08	SE(SD DEV) 0.03

SYMMETRY---VETA I = 0.13
KURTOSIS---VETA II = 2.77
COEF. OF VARIATION = 6.67

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS	INCHES
55.00	99TH 21.65
53.93	98TH 21.23
53.30	97TH 20.98
52.50	95TH 20.67
51.33	90TH 20.21
50.56	85TH 19.91
49.96	80TH 19.67
49.44	75TH 19.47
48.97	70TH 19.28
48.54	65TH 19.11
48.12	60TH 18.94
47.71	55TH 18.78
47.30	50TH 18.62
46.89	45TH 18.46
46.48	40TH 18.30
46.04	35TH 18.13
45.59	30TH 17.95
45.09	25TH 17.75
44.54	20TH 17.54
43.91	15TH 17.29
43.15	10TH 16.99
42.11	5TH 16.58
41.53	3RD 16.35
41.17	2RD 16.21
40.73	1ST 16.03



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SHOULDER LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT .
19.35- 19.55	2	740	0.27	100.00
19.15- 19.35	0	738	0.00	99.73
18.95- 19.15	11	738	1.49	99.73
18.75- 18.95	4	727	0.54	98.24
18.55- 18.75	4	723	0.54	97.70
18.35- 18.55	27	719	3.65	97.16
18.15- 18.35	9	692	1.22	93.51
17.95- 18.15	47	683	6.35	92.30
17.75- 17.95	9	636	1.22	85.95
17.55- 17.75	10	627	1.35	84.73
17.35- 17.55	35	617	4.73	83.38
17.15- 17.35	11	582	1.49	78.65
16.95- 17.15	89	571	12.03	77.16
16.75- 16.95	23	482	3.11	65.14
16.55- 16.75	14	459	1.89	62.03
16.35- 16.55	70	445	9.46	60.14
16.15- 16.35	22	375	2.97	50.68
15.95- 16.15	81	353	10.95	47.70
15.75- 15.95	17	272	2.30	36.76
15.55- 15.75	21	255	2.84	34.46
15.35- 15.55	43	234	5.81	31.62
15.15- 15.35	38	191	5.14	25.81
14.95- 15.15	81	153	10.95	20.68
14.75- 14.95	12	72	1.62	9.73
14.55- 14.75	11	60	1.49	8.11
14.35- 14.55	26	49	3.51	6.62
14.15- 14.35	11	23	1.49	3.11
13.95- 14.15	11	12	1.49	1.62
13.75- 13.95	0	1	0.00	0.14
13.55- 13.75	1	1	0.14	0.14



THE SUMMARY STATISTICS

CENTIMETERS INCHES

16.34 MEAN VALUE 6.43
0.04 SE (MEAN) 0.02
1.20 SD DEVIATION 0.47
0.03 SE (SD DEV) 0.01

SYMMETRY---VETA I = 0.23
KURTOSIS---VETA II = 2.31
COEF. OF VARIATION = 7.34

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS INCHES

19.01	99TH	7.48
18.83	98TH	7.41
18.68	97TH	7.36
18.45	95TH	7.26
18.02	90TH	7.10
17.70	85TH	6.97
17.44	80TH	6.87
17.21	75TH	6.78
17.00	70TH	6.69
16.80	65TH	6.62
16.62	60TH	6.54
16.45	55TH	6.47
16.27	50TH	6.41
16.11	45TH	6.34
15.94	40TH	6.28
15.77	35TH	6.21
15.60	30TH	6.14
15.42	25TH	6.07
15.23	20TH	6.00
15.02	15TH	5.91
14.79	10TH	5.82
14.48	5TH	5.70
14.32	3RD	5.64
14.22	2RD	5.60
14.08	1ST	5.54

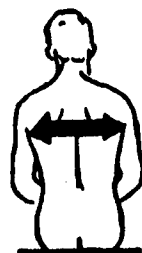
*IN CENTIMETERS

II-171

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
INTERSCYE BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
49.75- 50.25	1	740	0.14	100.00
49.25- 49.75	0	739	0.00	99.86
48.75- 49.25	0	739	0.00	99.86
48.25- 48.75	0	739	0.00	99.86
47.75- 48.25	0	739	0.00	99.86
47.25- 47.75	2	739	0.27	99.86
46.75- 47.25	1	737	0.14	99.59
46.25- 46.75	2	736	0.27	99.46
45.75- 46.25	3	734	0.41	99.19
45.25- 45.75	1	731	0.14	98.78
44.75- 45.25	1	730	0.14	98.65
44.25- 44.75	4	729	0.54	98.51
43.75- 44.25	6	725	0.81	97.97
43.25- 43.75	14	719	1.89	97.16
42.75- 43.25	13	705	1.76	95.27
42.25- 42.75	17	692	2.30	93.51
41.75- 42.25	21	675	2.84	91.22
41.25- 41.75	28	654	3.78	88.38
40.75- 41.25	28	626	3.78	84.59
40.25- 40.75	20	598	2.70	80.81
39.75- 40.25	101	578	13.65	78.11
39.25- 39.75	48	477	6.49	64.46
38.75- 39.25	48	429	6.49	57.97
38.25- 38.75	49	381	6.62	51.49
37.75- 38.25	53	332	7.16	44.86
37.25- 37.75	42	279	5.68	37.70
36.75- 37.25	52	237	7.03	32.03
36.25- 36.75	37	185	5.00	25.00
35.75- 36.25	34	148	4.59	20.00
35.25- 35.75	24	114	3.24	15.41
34.75- 35.25	21	90	2.84	12.16
34.25- 34.75	22	69	2.97	9.32
33.75- 34.25	16	47	2.16	6.35
33.25- 33.75	7	31	0.95	4.19
32.75- 33.25	8	24	1.08	3.24
32.25- 32.75	5	16	0.68	2.16
31.75- 32.25	5	11	0.68	1.49
31.25- 31.75	1	6	0.14	0.81
30.75- 31.25	2	5	0.27	0.68
30.25- 30.75	0	3	0.00	0.41
29.75- 30.25	3	3	0.41	0.41



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
38.53	MEAN VALUE	15.17
0.10	SE (MEAN)	0.04
2.81	SD DEVIATION	1.11
0.07	SE (SD DEV)	0.03

SYMMETRY---VETA I =	0.07
KURTOSIS---VETA II =	3.52
COEF. OF VARIATION =	7.31

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
45.83	99TH	18.04
44.55	98TH	17.54
43.85	97TH	17.26
43.01	95TH	16.93
41.90	90TH	16.50
41.24	85TH	16.23
40.74	80TH	16.04
40.32	75TH	15.87
39.95	70TH	15.73
39.60	65TH	15.59
39.28	60TH	15.46
38.95	55TH	15.34
38.63	50TH	15.21
38.29	45TH	15.08
37.95	40TH	14.94
37.59	35TH	14.80
37.20	30TH	14.64
36.76	25TH	14.47
36.26	20TH	14.28
35.68	15TH	14.05
34.92	10TH	13.75
33.80	5TH	13.31
33.11	3RD	13.04
32.63	2RD	12.85
31.94	1ST	12.58

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
INTERSCYE MAXIMUM

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
55.81	MEAN VALUE	21.97
0.12	SE (MEAN)	0.05
3.35	SD DEVIATION	1.32
0.09	SE (SD DEV)	0.03

SYMMETRY---VETA I = 0.28
KURTOSIS---VETA II = 3.93
COEF. OF VARIATION = 6.00

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
64.64	99TH	25.45
63.19	98TH	24.88
62.37	97TH	24.55
61.34	95TH	24.15
59.91	90TH	23.59
59.04	85TH	23.24
58.38	80TH	22.98
57.83	75TH	22.77
57.35	70TH	22.58
56.90	65TH	22.40
56.49	60TH	22.24
56.09	55TH	22.08
55.69	50TH	21.93
55.30	45TH	21.77
54.90	40TH	21.61
54.48	35TH	21.45
54.04	30TH	21.27
53.56	25TH	21.08
53.01	20TH	20.87
52.38	15TH	20.62
51.59	10TH	20.31
50.42	5TH	19.85
49.68	3RD	19.56
49.15	2RD	19.35
48.38	1ST	19.05



RANGES*	F	CUMF	FPCT	CUMPCT
71.25- 72.25	1	740	0.14	100.00
70.25- 71.25	0	739	0.00	99.86
69.25- 70.25	0	739	0.00	99.86
68.25- 69.25	0	739	0.00	99.86
67.25- 68.25	1	739	0.14	99.86
66.25- 67.25	2	738	0.27	99.73
65.25- 66.25	0	736	0.00	99.46
64.25- 65.25	5	736	0.68	99.46
63.25- 64.25	8	731	1.08	98.78
62.25- 63.25	5	723	0.68	97.70
61.25- 62.25	14	718	1.89	97.03
60.25- 61.25	18	704	2.43	95.14
59.25- 60.25	38	686	5.14	92.70
58.25- 59.25	66	648	8.92	87.57
57.25- 58.25	85	582	11.49	78.65
56.25- 57.25	78	497	10.54	67.16
55.25- 56.25	88	419	11.89	56.62
54.25- 55.25	90	331	12.16	44.73
53.25- 54.25	78	241	10.54	32.57
52.25- 53.25	52	163	7.03	22.03
51.25- 52.25	44	111	5.95	15.00
50.25- 51.25	38	67	5.14	9.05
49.25- 50.25	18	29	2.43	3.92
48.25- 49.25	3	11	0.41	1.49
47.25- 48.25	4	8	0.54	1.08
46.25- 47.25	2	4	0.27	0.54
45.25- 46.25	0	2	0.00	0.27
44.25- 45.25	2	2	0.27	0.27

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....
SLEEVE INSEAM

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS

INCHES

46.59 MEAN VALUE 18.34
0.08 SE (MEAN) 0.03
2.26 SD DEVIATION 0.89
0.06 SE (SD DEV) 0.02

SYMMETRY---VETA I = 0.10
KURTOSIS---VETA II = 3.13
COEF. OF VARIATION = 4.85

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS

INCHES

52.01 99TH 20.48
51.42 98TH 20.24
51.02 97TH 20.09
50.46 95TH 19.87
49.58 90TH 19.52
48.97 85TH 19.28
48.50 80TH 19.09
48.10 75TH 18.94
47.74 70TH 18.80
47.42 65TH 18.67
47.11 60TH 18.55
46.82 55TH 18.43
46.54 50TH 18.32
46.26 45TH 18.21
45.98 40TH 18.10
45.70 35TH 17.99
45.40 30TH 17.87
45.08 25TH 17.75
44.73 20TH 17.61
44.32 15TH 17.45
43.79 10TH 17.24
42.98 5TH 16.92
42.41 3RD 16.70
41.97 2RD 16.52
41.22 1ST 16.23



RANGES*	F	CUMF	FPCT	CUMPT
54.25- 54.75	1	740	0.14	100.00
53.75- 54.25	0	739	0.00	99.86
53.25- 53.75	2	739	0.27	99.86
52.75- 53.25	0	737	0.00	99.59
52.25- 52.75	0	737	0.00	99.59
51.75- 52.25	7	737	0.95	99.59
51.25- 51.75	9	730	1.22	98.65
50.75- 51.25	11	721	1.49	97.43
50.25- 50.75	11	710	1.49	95.95
49.75- 50.25	29	699	3.92	94.46
49.25- 49.75	17	670	2.30	90.54
48.75- 49.25	39	653	5.27	88.24
48.25- 48.75	39	614	5.27	82.97
47.75- 48.25	56	575	7.57	77.70
47.25- 47.75	55	519	7.43	70.14
46.75- 47.25	56	464	7.57	62.70
46.25- 46.75	77	408	10.41	55.14
45.75- 46.25	75	331	10.14	44.73
45.25- 45.75	59	256	7.97	34.59
44.75- 45.25	51	197	6.89	26.62
44.25- 44.75	39	146	5.27	19.73
43.75- 44.25	33	107	4.46	14.46
43.25- 43.75	25	74	3.38	10.00
42.75- 43.25	20	49	2.70	6.62
42.25- 42.75	9	29	1.22	3.92
41.75- 42.25	8	20	1.08	2.70
41.25- 41.75	5	12	0.68	1.62
40.75- 41.25	5	7	0.68	0.95
40.25- 40.75	0	2	0.00	0.27
39.75- 40.25	1	2	0.14	0.27
39.25- 39.75	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SLEEVE LENGTH (SPINE TO WRIST)

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
81.38	MEAN VALUE	32.04
0.12	SE (MEAN)	0.05
3.37	SD DEVIATION	1.33
0.09	SE (SD DEV)	0.03

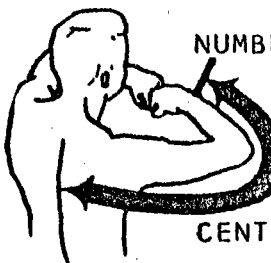
SYMMETRY----	VETA I =	0.16
KURTOSIS----	VETA II =	3.43
COEF. OF VARIATION	=	4.14

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
89.95	99TH	35.42
88.71	98TH	34.93
87.97	97TH	34.63
87.00	95TH	34.25
85.60	90TH	33.70
84.71	85TH	33.35
84.03	80TH	33.08
83.46	75TH	32.86
82.96	70TH	32.66
82.50	65TH	32.48
82.07	60TH	32.31
81.66	55TH	32.15
81.26	50TH	31.99
80.85	45TH	31.83
80.45	40TH	31.67
80.03	35TH	31.51
79.58	30TH	31.33
79.10	25TH	31.14
78.56	20TH	30.93
77.93	15TH	30.68
77.12	10TH	30.36
75.88	5TH	29.87
75.05	3RD	29.55
74.42	2RD	29.30
73.40	1ST	28.90

RANGES*	F	CUMF	FPCT	CUMPCCT
93.25- 94.25	1	740	0.14	100.00
92.25- 93.25	2	739	0.27	99.86
91.25- 92.25	0	737	0.00	99.59
90.25- 91.25	1	737	0.14	99.59
89.25- 90.25	8	736	1.08	99.46
88.25- 89.25	8	728	1.08	98.38
87.25- 88.25	10	720	1.35	97.30
86.25- 87.25	25	710	3.38	95.95
85.25- 86.25	26	685	3.51	92.57
84.25- 85.25	50	659	6.76	89.05
83.25- 84.25	72	609	9.73	82.30
82.25- 83.25	78	537	10.54	72.57
81.25- 82.25	89	459	12.03	62.03
80.25- 81.25	79	370	10.68	50.00
79.25- 80.25	110	291	14.86	39.32
78.25- 79.25	59	181	7.97	24.46
77.25- 78.25	39	122	5.27	16.49
76.25- 77.25	37	83	5.00	11.22
75.25- 76.25	21	46	2.84	6.22
74.25- 75.25	12	25	1.62	3.38
73.25- 74.25	7	13	0.95	1.76
72.25- 73.25	4	6	0.54	0.81
71.25- 72.25	1	2	0.14	0.27
70.25- 71.25	0	1	0.00	0.14
69.25- 70.25	1	1	0.14	0.14



*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR HEAD CIRCUMFERENCE

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS

INCHES

55.58 MEAN VALUE 21.88
0.06 SE (MEAN) 0.02
1.51 SD DEVIATION 0.59
0.04 SE (SD DEV) 0.02

SYMMETRY---VETA I = 0.05
KURTOSIS---VETA II = 3.10
COEF. OF VARIATION = 2.71

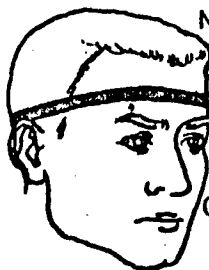
NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS

INCHES

59.05 99TH 23.25
58.68 98TH 23.10
58.43 97TH 23.00
58.08 95TH 22.87
57.52 90TH 22.64
57.13 85TH 22.49
56.83 80TH 22.37
56.57 75TH 22.27
56.34 70TH 22.18
56.13 65TH 22.10
55.94 60TH 22.02
55.75 55TH 21.95
55.57 50TH 21.88
55.39 45TH 21.81
55.20 40TH 21.73
55.02 35TH 21.66
54.83 30TH 21.58
54.62 25TH 21.50
54.38 20TH 21.41
54.11 15TH 21.30
53.76 10TH 21.17
53.21 5TH 20.95
52.83 3RD 20.80
52.53 2RD 20.68
52.01 1ST 20.47



RANGES*	F	CUMF	FPCT	CUMPCT
61.35- 61.65	1	740	0.14	100.00
61.05- 61.35	0	739	0.00	99.86
60.75- 61.05	0	739	0.00	99.86
60.45- 60.75	0	739	0.00	99.86
60.15- 60.45	0	739	0.00	99.86
59.85- 60.15	1	739	0.14	99.86
59.55- 59.85	0	738	0.00	99.73
59.25- 59.55	4	738	0.54	99.73
58.95- 59.25	5	734	0.68	99.19
58.65- 58.95	0	729	0.00	98.51
58.35- 58.65	14	729	1.89	98.51
58.05- 58.35	0	715	0.00	96.62
57.75- 58.05	34	715	4.59	96.62
57.45- 57.75	36	681	4.86	92.03
57.15- 57.45	1	645	0.14	87.16
56.85- 57.15	67	644	9.05	87.03
56.55- 56.85	4	577	0.54	77.97
56.25- 56.55	83	573	11.22	77.43
55.95- 56.25	85	490	11.49	66.22
55.65- 55.95	8	405	1.08	54.73
55.35- 55.65	70	397	9.46	53.65
55.05- 55.35	6	327	0.81	44.19
54.75- 55.05	102	321	13.78	43.38
54.45- 54.75	72	219	9.73	29.59
54.15- 54.45	3	147	0.41	19.86
53.85- 54.15	73	144	9.86	19.46
53.55- 53.85	1	71	0.14	9.59
53.25- 53.55	30	70	4.05	9.46
52.95- 53.25	20	40	2.70	5.41
52.65- 52.95	0	20	0.00	2.70
52.35- 52.65	11	20	1.49	2.70
52.05- 52.35	0	9	0.00	1.22
51.75- 52.05	4	9	0.54	1.22
51.45- 51.75	2	5	0.27	0.68
51.15- 51.45	0	3	0.00	0.41
50.85- 51.15	3	3	0.41	0.41

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 NECK CIRCUMFERENCE

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
36.87	MEAN VALUE	14.51
0.07	SE (MEAN)	0.03
1.84	SD DEVIATION	0.72
0.05	SE (SD DEV)	0.02

SYMMETRY---VETA I =	0.50
KURTOSIS---VETA II =	3.69
COEF. OF VARIATION =	4.98

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
41.63	99TH	16.39
40.97	98TH	16.13
40.57	97TH	15.97
40.03	95TH	15.76
39.23	90TH	15.45
38.72	85TH	15.24
38.33	80TH	15.09
38.00	75TH	14.96
37.71	70TH	14.84
37.44	65TH	14.74
37.20	60TH	14.64
36.97	55TH	14.55
36.74	50TH	14.46
36.52	45TH	14.38
36.30	40TH	14.29
36.07	35TH	14.20
35.84	30TH	14.11
35.59	25TH	14.01
35.32	20TH	13.91
35.02	15TH	13.79
34.64	10TH	13.64
34.10	5TH	13.43
33.77	3RD	13.29
33.53	2RD	13.20
33.16	1ST	13.05



RANGES*	F	CUMF	FPCT	CUMPCT
44.75- 45.25	1	740	0.14	100.00
44.25- 44.75	0	739	0.00	99.86
43.75- 44.25	2	739	0.27	99.86
43.25- 43.75	0	737	0.00	99.59
42.75- 43.25	0	737	0.00	99.59
42.25- 42.75	2	737	0.27	99.59
41.75- 42.25	2	735	0.27	99.32
41.25- 41.75	4	733	0.54	99.05
40.75- 41.25	6	729	0.81	98.51
40.25- 40.75	9	723	1.22	97.70
39.75- 40.25	27	714	3.65	96.49
39.25- 39.75	20	687	2.70	92.84
38.75- 39.25	45	667	6.08	90.14
38.25- 38.75	34	622	4.59	84.05
37.75- 38.25	70	588	9.46	79.46
37.25- 37.75	58	518	7.84	70.00
36.75- 37.25	88	460	11.89	62.16
36.25- 36.75	78	372	10.54	50.27
35.75- 36.25	90	294	12.16	39.73
35.25- 35.75	69	204	9.32	27.57
34.75- 35.25	54	135	7.30	18.24
34.25- 34.75	31	81	4.19	10.95
33.75- 34.25	32	50	4.32	6.76
33.25- 33.75	9	18	1.22	2.43
32.75- 33.25	6	9	0.81	1.22
32.25- 32.75	1	3	0.14	0.41
31.75- 32.25	2	2	0.27	0.27

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 SHOULDER CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPT
142.25-143.75	1	740	0.14	100.00
140.75-142.25	0	739	0.00	99.86
139.25-140.75	0	739	0.00	99.86
137.75-139.25	1	739	0.14	99.86
136.25-137.75	1	738	0.14	99.73
134.75-136.25	0	737	0.00	99.59
133.25-134.75	1	737	0.14	99.59
131.75-133.25	1	736	0.14	99.46
130.25-131.75	1	735	0.14	99.32
128.75-130.25	1	734	0.14	99.19
127.25-128.75	6	733	0.81	99.05
125.75-127.25	2	727	0.27	98.24
124.25-125.75	8	725	1.08	97.97
122.75-124.25	6	717	0.81	96.89
121.25-122.75	12	711	1.62	96.08
119.75-121.25	16	699	2.16	94.46
118.25-119.75	22	683	2.97	92.30
116.75-118.25	22	661	2.97	89.32
115.25-116.75	38	639	5.14	86.35
113.75-115.25	48	601	6.49	81.22
112.25-113.75	52	553	7.03	74.73
110.75-112.25	78	501	10.54	67.70
109.25-110.75	83	423	11.22	57.16
107.75-109.25	75	340	10.14	45.95
106.25-107.75	80	265	10.81	35.81
104.75-106.25	58	185	7.84	25.00
103.25-104.75	41	127	5.54	17.16
101.75-103.25	41	86	5.54	11.62
100.25-101.75	25	45	3.38	6.08
98.75-100.25	13	20	1.76	2.70
97.25-98.75	4	7	0.54	0.95
95.75-97.25	1	3	0.14	0.41
94.25-95.75	2	2	0.27	0.27

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
110.41	MEAN VALUE 43.47
0.23	SE(MEAN) 0.09
6.31	SD DEVIATION 2.48
0.16	SE(SD DEV) 0.06

SYMMETRY---	VETA I = 0.90
KURTOSIS---	VETA II = 4.97
COEF. OF VARIATION	= 5.72

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS	INCHES
128.93	99TH 50.76
125.81	98TH 49.53
123.99	97TH 48.81
121.68	95TH 47.91
118.50	90TH 46.65
116.55	85TH 45.89
115.12	80TH 45.32
113.94	75TH 44.86
112.93	70TH 44.46
112.04	65TH 44.11
111.21	60TH 43.78
110.44	55TH 43.48
109.70	50TH 43.19
108.98	45TH 42.90
108.27	40TH 42.62
107.55	35TH 42.34
106.81	30TH 42.05
106.03	25TH 41.74
105.18	20TH 41.41
104.22	15TH 41.03
103.06	10TH 40.57
101.42	5TH 39.93
100.41	3RD 39.53
99.70	2RD 39.25
98.65	1ST 38.84



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

***** CHEST CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPT
120.75-122.25	1	740	0.14	100.00
119.25-120.75	0	739	0.00	99.86
117.75-119.25	0	739	0.00	99.86
116.25-117.75	1	739	0.14	99.86
114.75-116.25	0	738	0.00	99.73
113.25-114.75	1	738	0.14	99.73
111.75-113.25	0	737	0.00	99.59
110.25-111.75	0	737	0.00	99.59
108.75-110.25	0	737	0.00	99.59
107.25-108.75	3	737	0.41	99.59
105.75-107.25	4	734	0.54	99.19
104.25-105.75	3	730	0.41	98.65
102.75-104.25	5	727	0.68	98.24
101.25-102.75	15	722	2.03	97.57
99.75-101.25	14	707	1.89	95.54
98.25-99.75	23	693	3.11	93.65
96.75-98.25	28	670	3.78	90.54
95.25-96.75	34	642	4.59	86.76
93.75-95.25	79	608	10.68	82.16
92.25-93.75	77	529	10.41	71.49
90.75-92.25	69	452	9.32	61.08
89.25-90.75	87	383	11.76	51.76
87.75-89.25	96	296	12.97	40.00
86.25-87.75	71	200	9.59	27.03
84.75-86.25	63	129	8.51	17.43
83.25-84.75	28	66	3.78	8.92
81.75-83.25	24	38	3.24	5.14
80.25-81.75	10	14	1.35	1.89
78.75-80.25	3	4	0.41	0.54
77.25-78.75	0	1	0.00	0.14
75.75-77.25	1	1	0.14	0.14



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
91.12	MEAN VALUE	35.87
0.20	SE (MEAN)	0.08
5.38	SD DEVIATION	2.12
0.14	SE (SD DEV)	0.06

SYMMETRY---VETA I = 0.85
KURTOSIS---VETA II = 5.13
COEF. OF VARIATION = 5.91

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
106.57	99TH	41.96
103.97	98TH	40.93
102.45	97TH	40.34
100.56	95TH	39.59
97.94	90TH	38.56
96.35	85TH	37.93
95.17	80TH	37.47
94.19	75TH	37.08
93.36	70TH	36.75
92.61	65TH	36.46
91.91	60TH	36.19
91.26	55TH	35.93
90.63	50TH	35.68
90.01	45TH	35.44
89.39	40TH	35.19
88.76	35TH	34.95
88.11	30TH	34.69
87.42	25TH	34.42
86.66	20TH	34.12
85.80	15TH	33.78
84.74	10TH	33.36
83.25	5TH	32.78
82.34	3RD	32.42
81.71	2RD	32.17
80.79	1ST	31.81

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR ***** WAIST CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
109.25-110.75	1	740	0.14	100.00
107.75-109.25	1	739	0.14	99.86
106.25-107.75	0	738	0.00	99.73
104.75-106.25	0	738	0.00	99.73
103.25-104.75	0	738	0.00	99.73
101.75-103.25	2	738	0.27	99.73
100.25-101.75	2	736	0.27	99.46
98.75-100.25	4	734	0.54	99.19
97.25- 98.75	1	730	0.14	98.65
95.75- 97.25	3	729	0.41	98.51
94.25- 95.75	7	726	0.95	98.11
92.75- 94.25	10	719	1.35	97.16
91.25- 92.75	5	709	0.68	95.81
89.75- 91.25	11	704	1.49	95.14
88.25- 89.75	13	693	1.76	93.65
86.75- 88.25	15	680	2.03	91.89
85.25- 86.75	18	665	2.43	89.86
83.75- 85.25	30	647	4.05	87.43
82.25- 83.75	31	617	4.19	83.38
80.75- 82.25	58	586	7.84	79.19
79.25- 80.75	51	528	6.89	71.35
77.75- 79.25	72	477	9.73	64.46
76.25- 77.75	76	405	10.27	54.73
74.75- 76.25	81	329	10.95	44.46
73.25- 74.75	66	248	8.92	33.51
71.75- 73.25	55	182	7.43	24.59
70.25- 71.75	45	127	6.08	17.16
68.75- 70.25	41	82	5.54	11.08
67.25- 68.75	18	41	2.43	5.54
65.75- 67.25	13	23	1.76	3.11
64.25- 65.75	7	10	0.95	1.35
62.75- 64.25	3	3	0.41	0.41



THE SUMMARY STATISTICS

CENTIMETERS	INCHES
77.91	MEAN VALUE 30.67
0.25	SE (MEAN) 0.10
6.90	SD DEVIATION 2.72
0.18	SE (SD DEV) 0.07

SYMMETRY---VETA I = 0.95
KURTOSIS---VETA II = 4.62
COEF. OF VARIATION = 8.86

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
99.87	99TH	39.32
95.88	98TH	37.75
93.58	97TH	36.84
90.72	95TH	35.72
86.86	90TH	34.20
84.56	85TH	33.29
82.91	80TH	32.64
81.58	75TH	32.12
80.46	70TH	31.68
79.48	65TH	31.29
78.59	60TH	30.94
77.77	55TH	30.62
76.99	50TH	30.31
76.23	45TH	30.01
75.50	40TH	29.72
74.76	35TH	29.43
74.00	30TH	29.13
73.21	25TH	28.82
72.34	20TH	28.48
71.36	15TH	28.09
70.15	10TH	27.62
68.38	5TH	26.92
67.24	3RD	26.47
66.39	2RD	26.14
65.06	1ST	25.61

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

..... HIP CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPT
112.25-113.25	1	740	0.14	100.00
111.25-112.25	0	739	0.00	99.86
110.25-111.25	0	739	0.00	99.86
109.25-110.25	1	739	0.14	99.86
108.25-109.25	0	738	0.00	99.73
107.25-108.25	0	738	0.00	99.73
106.25-107.25	3	738	0.41	99.73
105.25-106.25	6	735	0.81	99.32
104.25-105.25	3	729	0.41	98.51
103.25-104.25	4	726	0.54	98.11
102.25-103.25	4	722	0.54	97.57
101.25-102.25	11	718	1.49	97.03
100.25-101.25	3	707	0.41	95.54
99.25-100.25	18	704	2.43	95.14
98.25- 99.25	16	686	2.16	92.70
97.25- 98.25	19	670	2.57	90.54
96.25- 97.25	27	651	3.65	87.97
95.25- 96.25	35	624	4.73	84.32
94.25- 95.25	47	589	6.35	79.59
93.25- 94.25	52	542	7.03	73.24
92.25- 93.25	68	490	9.19	66.22
91.25- 92.25	48	422	6.49	57.03
90.25- 91.25	54	374	7.30	50.54
89.25- 90.25	67	320	9.05	43.24
88.25- 89.25	56	253	7.57	34.19
87.25- 88.25	50	197	6.76	26.62
86.25- 87.25	40	147	5.41	19.86
85.25- 86.25	29	107	3.92	14.46
84.25- 85.25	35	78	4.73	10.54
83.25- 84.25	20	43	2.70	5.81
82.25- 83.25	10	23	1.35	3.11
81.25- 82.25	7	13	0.95	1.76
80.25- 81.25	2	6	0.27	0.81
79.25- 80.25	3	4	0.41	0.54
78.25- 79.25	0	1	0.00	0.14
77.25- 78.25	1	1	0.14	0.14



CENTIMETERS

INCHES

91.62	MEAN VALUE	36.07
0.19	SE (MEAN)	0.07
5.07	SD DEVIATION	1.99
0.13	SE (SD DEV)	0.05

SYMMETRY---	VETA I =	0.50
KURTOSIS---	VETA II =	3.54
COEF. OF VARIATION	=	5.53

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS

INCHES

106.05	99TH	41.75
103.61	98TH	40.79
102.21	97TH	40.24
100.45	95TH	39.55
98.03	90TH	38.59
96.55	85TH	38.01
95.46	80TH	37.58
94.55	75TH	37.22
93.76	70TH	36.91
93.05	65TH	36.63
92.39	60TH	36.37
91.77	55TH	36.13
91.16	50TH	35.89
90.56	45TH	35.65
89.96	40TH	35.42
89.34	35TH	35.17
88.70	30TH	34.92
88.02	25TH	34.65
87.26	20TH	34.36
86.41	15TH	34.02
85.35	10TH	33.60
83.88	5TH	33.02
82.99	3RD	32.67
82.39	2RD	32.44
81.55	1ST	32.11

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

VERTICAL TRUNK CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCCT
192.75-194.25	1	740	0.14	100.00
191.25-192.75	0	739	0.00	99.86
189.75-191.25	0	739	0.00	99.86
188.25-189.75	0	739	0.00	99.86
186.75-188.25	0	739	0.00	99.86
185.25-186.75	0	739	0.00	99.86
183.75-185.25	0	739	0.00	99.86
182.25-183.75	0	739	0.00	99.86
180.75-182.25	1	739	0.14	99.86
179.25-180.75	1	738	0.14	99.73
177.75-179.25	0	737	0.00	99.59
176.25-177.75	1	737	0.14	99.59
174.75-176.25	2	736	0.27	99.46
173.25-174.75	0	734	0.00	99.19
171.75-173.25	4	734	0.54	99.19
170.25-171.75	5	730	0.68	98.65
168.75-170.25	12	725	1.62	97.97
167.25-168.75	12	713	1.62	96.35
165.75-167.25	13	701	1.76	94.73
164.25-165.75	12	688	1.62	92.97
162.75-164.25	19	676	2.57	91.35
161.25-162.75	18	657	2.43	88.78
159.75-161.25	48	639	6.49	86.35
158.25-159.75	54	591	7.30	79.86
156.75-158.25	48	537	6.49	72.57
155.25-156.75	55	489	7.43	66.08
153.75-155.25	67	434	9.05	58.65
152.25-153.75	62	367	8.38	49.59
150.75-152.25	66	305	8.92	41.22
149.25-150.75	57	239	7.70	32.30
147.75-149.25	51	182	6.89	24.59
146.25-147.75	39	131	5.27	17.70
144.75-146.25	40	92	5.41	12.43
143.25-144.75	24	52	3.24	7.03
141.75-143.25	14	28	1.89	3.78
140.25-141.75	7	14	0.95	1.89
138.75-140.25	6	7	0.81	0.95
137.25-138.75	0	1	0.00	0.14
135.75-137.25	1	1	0.14	0.14



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
154.29	MEAN VALUE	60.75
0.26	SE(MEAN)	0.10
7.12	SD DEVIATION	2.80
0.18	SE(SD DEV)	0.07

SYMMETRY---	VETA I =	0.66
KURTOSIS---	VETA II =	4.28
COEF. OF VARIATION	=	4.61

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
172.93	99TH	68.08
170.49	98TH	67.12
168.94	97TH	66.51
166.85	95TH	65.69
163.70	90TH	64.45
161.63	85TH	63.63
160.05	80TH	63.01
158.71	75TH	62.48
157.54	70TH	62.02
156.48	65TH	61.61
155.51	60TH	61.22
154.58	55TH	60.86
153.69	50TH	60.51
152.82	45TH	60.17
151.97	40TH	59.83
151.10	35TH	59.49
150.22	30TH	59.14
149.28	25TH	58.77
148.27	20TH	58.38
147.15	15TH	57.93
145.77	10TH	57.39
143.83	5TH	56.63
142.62	3RD	56.15
141.73	2RD	55.80
140.35	1ST	55.26

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 ARMSCYE CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
53.25- 54.25	2	740	0.27	100.00
52.25- 53.25	2	738	0.27	99.73
51.25- 52.25	4	736	0.54	99.46
50.25- 51.25	2	732	0.27	98.92
49.25- 50.25	9	730	1.22	98.65
48.25- 49.25	13	721	1.76	97.43
47.25- 48.25	16	708	2.16	95.68
46.25- 47.25	26	692	3.51	93.51
45.25- 46.25	34	666	4.59	90.00
44.25- 45.25	50	632	6.76	85.41
43.25- 44.25	61	582	8.24	78.65
42.25- 43.25	97	521	13.11	70.41
41.25- 42.25	113	424	15.27	57.30
40.25- 41.25	106	311	14.32	42.03
39.25- 40.25	83	205	11.22	27.70
38.25- 39.25	58	122	7.57	16.49
37.25- 38.25	32	66	4.32	8.92
36.25- 37.25	24	34	3.24	4.59
35.25- 36.25	7	10	0.95	1.35
34.25- 35.25	3	3	0.41	0.41



THE SUMMARY STATISTICS

CENTIMETERS	INCHES
42.28	MEAN VALUE 16.64
0.11	SE (MEAN) 0.05
3.11	SD DEVIATION 1.23
0.08	SE (SD DEV) 0.03

SYMMETRY---	VETA I = 0.64
KURTOSIS---	VETA II = 3.74
COEF. OF VARIATION	= 7.37

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
51.42	99TH	20.24
49.85	98TH	19.63
48.93	97TH	19.26
47.77	95TH	18.81
46.16	90TH	18.17
45.19	85TH	17.79
44.47	80TH	17.51
43.88	75TH	17.27
43.38	70TH	17.08
42.93	65TH	16.90
42.52	60TH	16.74
42.14	55TH	16.59
41.77	50TH	16.44
41.41	45TH	16.30
41.06	40TH	16.16
40.70	35TH	16.02
40.33	30TH	15.88
39.93	25TH	15.72
39.50	20TH	15.55
39.00	15TH	15.36
38.39	10TH	15.11
37.48	5TH	14.76
36.89	3RD	14.52
36.46	2RD	14.35
35.77	1ST	14.08

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 UPPER ARM CIRCUMFERENCE, RELAXED

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
38.25- 38.75	1	740	0.14	100.00
37.75- 38.25	0	739	0.00	99.86
37.25- 37.75	0	739	0.00	99.86
36.75- 37.25	0	739	0.00	99.86
36.25- 36.75	0	739	0.00	99.86
35.75- 36.25	0	739	0.00	99.86
35.25- 35.75	0	739	0.00	99.86
34.75- 35.25	0	739	0.00	99.86
34.25- 34.75	1	739	0.14	99.86
33.75- 34.25	1	738	0.14	99.73
33.25- 33.75	2	737	0.27	99.59
32.75- 33.25	5	735	0.68	99.32
32.25- 32.75	2	730	0.27	98.65
31.75- 32.25	8	728	1.08	98.38
31.25- 31.75	3	720	0.41	97.30
30.75- 31.25	18	717	2.43	96.89
30.25- 30.75	11	699	1.49	94.46
29.75- 30.25	32	688	4.32	92.97
29.25- 29.75	9	656	1.22	88.65
28.75- 29.25	45	647	6.08	87.43
28.25- 28.75	24	602	3.24	81.35
27.75- 28.25	84	578	11.35	78.11
27.25- 27.75	47	494	6.35	66.76
26.75- 27.25	94	447	12.70	60.41
26.25- 26.75	27	353	3.65	47.70
25.75- 26.25	93	326	12.57	44.05
25.25- 25.75	50	233	6.76	31.49
24.75- 25.25	69	183	9.32	24.73
24.25- 24.75	21	114	2.84	15.41
23.75- 24.25	48	93	6.49	12.57
23.25- 23.75	17	45	2.30	6.08
22.75- 23.25	17	28	2.30	3.78
22.25- 22.75	4	11	0.54	1.49
21.75- 22.25	4	7	0.54	0.95
21.25- 21.75	1	3	0.14	0.41
20.75- 21.25	1	2	0.14	0.27
20.25- 20.75	1	1	0.14	0.14



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
26.87	MEAN VALUE	10.58
0.08	SE (MEAN)	0.03
2.24	SD DEVIATION	0.88
0.06	SE (SD DEV)	0.02

SYMMETRY---VETA I = 0.53
 KURTOSIS---VETA II = 3.98
 COEF. OF VARIATION = 8.34

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
32.99	99TH	12.99
32.06	98TH	12.62
31.50	97TH	12.40
30.79	95TH	12.12
29.76	90TH	11.72
29.12	85TH	11.46
28.63	80TH	11.27
28.22	75TH	11.11
27.87	70TH	10.97
27.55	65TH	10.85
27.25	60TH	10.73
26.97	55TH	10.62
26.70	50TH	10.51
26.43	45TH	10.41
26.17	40TH	10.30
25.90	35TH	10.20
25.61	30TH	10.08
25.32	25TH	9.97
24.99	20TH	9.84
24.61	15TH	9.69
24.15	10TH	9.51
23.50	5TH	9.25
23.08	3RD	9.09
22.79	2RD	8.97
22.34	1ST	8.80

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 BICEPS CIRCUMFERENCE, FLEXED

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES*	F	CUMF	FPCT	CUMPCCT
40.25- 40.75	1	740	0.14	100.00
39.75- 40.25	0	739	0.00	99.86
39.25- 39.75	0	739	0.00	99.86
38.75- 39.25	0	739	0.00	99.86
38.25- 38.75	0	739	0.00	99.86
37.75- 38.25	1	739	0.14	99.86
37.25- 37.75	0	738	0.00	99.73
36.75- 37.25	2	738	0.27	99.73
36.25- 36.75	2	736	0.27	99.46
35.75- 36.25	5	734	0.68	99.19
35.25- 35.75	2	729	0.27	98.51
34.75- 35.25	12	727	1.62	98.24
34.25- 34.75	3	715	0.41	96.62
33.75- 34.25	14	712	1.89	96.22
33.25- 33.75	8	698	1.08	94.32
32.75- 33.25	34	690	4.59	93.24
32.25- 32.75	6	656	0.81	88.65
31.75- 32.25	34	650	4.59	87.84
31.25- 31.75	14	616	1.89	83.24
30.75- 31.25	70	602	9.46	81.35
30.25- 30.75	27	532	3.65	71.89
29.75- 30.25	104	505	14.05	68.24
29.25- 29.75	28	401	3.78	54.19
28.75- 29.25	87	373	11.76	50.41
28.25- 28.75	33	286	4.46	38.65
27.75- 28.25	90	253	12.16	34.19
27.25- 27.75	31	163	4.19	22.03
26.75- 27.25	60	132	8.11	17.84
26.25- 26.75	16	72	2.16	9.73
25.75- 26.25	24	56	3.24	7.57
25.25- 25.75	9	32	1.22	4.32
24.75- 25.25	18	23	2.43	3.11
24.25- 24.75	2	5	0.27	0.68
23.75- 24.25	0	3	0.00	0.41
23.25- 23.75	3	3	0.41	0.41

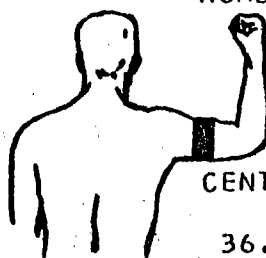
CENTIMETERS		INCHES
29.51	MEAN VALUE	11.62
0.09	SE (MEAN)	0.04
2.42	SD DEVIATION	0.95
0.06	SE (SD DEV)	0.02

SYMMETRY---VETA I = 0.56
 KURTOSIS---VETA II = 3.69
 COEF. OF VARIATION = 8.21

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
36.21	99TH	14.26
35.24	98TH	13.87
34.65	97TH	13.64
33.87	95TH	13.33
32.73	90TH	12.88
32.00	85TH	12.60
31.45	80TH	12.38
30.99	75TH	12.20
30.59	70TH	12.04
30.23	65TH	11.90
29.90	60TH	11.77
29.59	55TH	11.65
29.29	50TH	11.53
29.00	45TH	11.42
28.71	40TH	11.30
28.42	35TH	11.19
28.12	30TH	11.07
27.80	25TH	10.94
27.46	20TH	10.81
27.07	15TH	10.66
26.59	10TH	10.47
25.90	5TH	10.20
25.46	3RD	10.02
25.14	2RD	9.90
24.63	1ST	9.70



*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

FOREARM CIRCUMFERENCE, FLEXED

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPT
33.75- 34.05	1	740	0.14	100.00
33.45- 33.75	0	739	0.00	99.86
33.15- 33.45	0	739	0.00	99.86
32.85- 33.15	0	739	0.00	99.86
32.55- 32.85	0	739	0.00	99.86
32.25- 32.55	0	739	0.00	99.86
31.95- 32.25	8	739	1.08	99.86
31.65- 31.95	0	731	0.00	98.78
31.35- 31.65	2	731	0.27	98.78
31.05- 31.35	0	729	0.00	98.51
30.75- 31.05	12	729	1.62	98.51
30.45- 30.75	3	717	0.41	96.89
30.15- 30.45	1	714	0.14	96.49
29.85- 30.15	40	713	5.41	96.35
29.55- 29.85	0	673	0.00	90.95
29.25- 29.55	9	673	1.22	90.95
28.95- 29.25	74	664	10.00	89.73
28.65- 28.95	1	590	0.14	79.73
28.35- 28.65	23	589	3.11	79.59
28.05- 28.35	5	566	0.68	76.49
27.75- 28.05	90	561	12.16	75.81
27.45- 27.75	35	471	4.73	63.65
27.15- 27.45	9	436	1.22	58.92
26.85- 27.15	135	427	18.24	57.70
26.55- 26.85	8	292	1.08	39.46
26.25- 26.55	37	284	5.00	38.38
25.95- 26.25	87	247	11.76	33.38
25.65- 25.95	1	160	0.14	21.62
25.35- 25.65	25	159	3.38	21.49
25.05- 25.35	10	134	1.35	18.11
24.75- 25.05	53	124	7.16	16.76
24.45- 24.75	19	71	2.57	9.59
24.15- 24.45	5	52	0.68	7.03
23.85- 24.15	23	47	3.11	6.35
23.55- 23.85	0	24	0.00	3.24
23.25- 23.55	7	24	0.95	3.24
22.95- 23.25	13	17	1.76	2.30
22.65- 22.95	0	4	0.00	0.54
22.35- 22.65	1	4	0.14	0.54
22.05- 22.35	1	3	0.14	0.41
21.75- 22.05	2	2	0.27	0.27

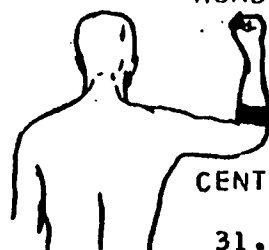
*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
27.09	MEAN VALUE	10.67
0.07	SE(MEAN)	0.03
1.85	SD DEVIATION	0.73
0.05	SE(SD DEV)	0.02

SYMMETRY---	VETA I =	0.12
KURTOSIS---	VETA II =	3.10
COEF. OF VARIATION =		6.84

NUMBER OF SUBJECTS = 740.



THE PERCENTILES

CENTIMETERS		INCHES
31.95	99TH	12.58
31.13	98TH	12.25
30.67	97TH	12.08
30.12	95TH	11.86
29.38	90TH	11.57
28.92	85TH	11.39
28.58	80TH	11.25
28.29	75TH	11.14
28.03	70TH	11.04
27.79	65TH	10.94
27.56	60TH	10.85
27.34	55TH	10.76
27.11	50TH	10.67
26.88	45TH	10.58
26.65	40TH	10.49
26.40	35TH	10.39
26.14	30TH	10.29
25.85	25TH	10.18
25.52	20TH	10.05
25.14	15TH	9.90
24.66	10TH	9.71
23.97	5TH	9.44
23.57	3RD	9.28
23.30	2RD	9.17
22.94	1ST	9.03

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

***** WRIST CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPT
19.95- 20.15	2	740	0.27	100.00
19.75- 19.95	0	738	0.00	99.73
19.55- 19.75	0	738	0.00	99.73
19.35- 19.55	0	738	0.00	99.73
19.15- 19.35	1	738	0.14	99.73
18.95- 19.15	26	737	3.51	99.59
18.75- 18.95	0	711	0.00	96.08
18.55- 18.75	1	711	0.14	96.08
18.35- 18.55	8	710	1.08	95.95
18.15- 18.35	4	702	0.54	94.86
17.95- 18.15	69	698	9.32	94.32
17.75- 17.95	2	629	0.27	85.00
17.55- 17.75	13	627	1.76	84.73
17.35- 17.55	50	614	6.76	82.97
17.15- 17.35	24	564	3.24	76.22
16.95- 17.15	172	540	23.24	72.97
16.75- 16.95	15	368	2.03	49.73
16.55- 16.75	12	353	1.62	47.70
16.35- 16.55	92	341	12.43	46.08
16.15- 16.35	32	249	4.32	33.65
15.95- 16.15	122	217	16.49	29.32
15.75- 15.95	6	95	0.81	12.84
15.55- 15.75	11	89	1.49	12.03
15.35- 15.55	35	78	4.73	10.54
15.15- 15.35	16	43	2.16	5.81
14.95- 15.15	22	27	2.97	3.65
14.75- 14.95	1	5	0.14	0.68
14.55- 14.75	1	4	0.14	0.54
14.35- 14.55	1	3	0.14	0.41
14.15- 14.35	0	2	0.00	0.27
13.95- 14.15	2	2	0.27	0.27

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
16.77	MEAN VALUE	6.60
0.03	SE (MEAN)	0.01
0.94	SD DEVIATION	0.37
0.02	SE (SD DEV)	0.01

SYMMETRY---	VETA I =	0.32
KURTOSIS---	VETA II =	3.20
COEF. OF VARIATION	=	5.59

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
19.27	99TH	7.58
18.96	98TH	7.46
18.76	97TH	7.39
18.49	95TH	7.28
18.08	90TH	7.12
17.81	85TH	7.01
17.60	80TH	6.93
17.42	75TH	6.86
17.26	70TH	6.80
17.12	65TH	6.74
16.99	60TH	6.69
16.86	55TH	6.64
16.73	50TH	6.59
16.61	45TH	6.54
16.49	40TH	6.49
16.37	35TH	6.44
16.24	30TH	6.40
16.11	25TH	6.34
15.97	20TH	6.29
15.81	15TH	6.22
15.61	10TH	6.15
15.34	5TH	6.04
15.18	3RD	5.98
15.06	2RD	5.93
14.89	1ST	5.86



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

..... HAND CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
24.95- 25.15	1	740	0.14	100.00
24.75- 24.95	0	739	0.00	99.86
24.55- 24.75	0	739	0.00	99.86
24.35- 24.55	0	739	0.00	99.86
24.15- 24.35	1	739	0.14	99.86
23.95- 24.15	6	738	0.81	99.73
23.75- 23.95	0	732	0.00	98.92
23.55- 23.75	0	732	0.00	98.92
23.35- 23.55	3	732	0.41	98.92
23.15- 23.35	0	729	0.00	98.51
22.95- 23.15	30	729	4.05	98.51
22.75- 22.95	0	699	0.00	94.46
22.55- 22.75	1	699	0.14	94.46
22.35- 22.55	26	698	3.51	94.32
22.15- 22.35	10	672	1.35	90.81
21.95- 22.15	114	662	15.41	89.46
21.75- 21.95	3	548	0.41	74.05
21.55- 21.75	7	545	0.95	73.65
21.35- 21.55	65	538	8.78	72.70
21.15- 21.35	15	473	2.03	63.92
20.95- 21.15	209	458	28.24	61.89
20.75- 20.95	4	249	0.54	33.65
20.55- 20.75	10	245	1.35	33.11
20.35- 20.55	68	235	9.19	31.76
20.15- 20.35	9	167	1.22	22.57
19.95- 20.15	105	158	14.19	21.35
19.75- 19.95	3	53	0.41	7.16
19.55- 19.75	7	50	0.95	6.76
19.35- 19.55	18	43	2.43	5.81
19.15- 19.35	7	25	0.95	3.38
18.95- 19.15	14	18	1.89	2.43
18.75- 18.95	0	4	0.00	0.54
18.55- 18.75	1	4	0.14	0.54
18.35- 18.55	2	3	0.27	0.41
18.15- 18.35	1	1	0.14	0.14



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
21.08	MEAN VALUE	8.30
0.04	SE (MEAN)	0.01
0.98	SD DEVIATION	0.39
0.03	SE (SD DEV)	0.01

SYMMETRY---VETA I = 0.27
KURTOSIS---VETA II = 3.34
COEF. OF VARIATION = 4.67

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
23.85	99TH	9.39
23.37	98TH	9.20
23.10	97TH	9.09
22.78	95TH	8.97
22.35	90TH	8.80
22.09	85TH	8.70
21.89	80TH	8.62
21.73	75TH	8.56
21.59	70TH	8.50
21.46	65TH	8.45
21.34	60TH	8.40
21.22	55TH	8.35
21.10	50TH	8.31
20.98	45TH	8.26
20.86	40TH	8.21
20.73	35TH	8.16
20.59	30TH	8.11
20.44	25TH	8.05
20.28	20TH	7.98
20.08	15TH	7.91
19.84	10TH	7.81
19.49	5TH	7.67
19.29	3RD	7.59
19.15	2RD	7.54
18.97	1ST	7.47

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

CRUTCH-THIGH CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
65.25- 66.25	3	740	0.41	100.00
64.25- 65.25	4	737	0.54	99.59
63.25- 64.25	5	733	0.68	99.05
62.25- 63.25	3	728	0.41	98.38
61.25- 62.25	7	725	0.95	97.97
60.25- 61.25	10	718	1.35	97.03
59.25- 60.25	17	708	2.30	95.68
58.25- 59.25	20	691	2.70	93.38
57.25- 58.25	39	671	5.27	90.68
56.25- 57.25	43	632	5.81	85.41
55.25- 56.25	33	589	4.46	79.59
54.25- 55.25	60	556	8.11	75.14
53.25- 54.25	68	496	9.19	67.03
52.25- 53.25	82	428	11.08	57.84
51.25- 52.25	84	346	11.35	46.76
50.25- 51.25	67	262	9.05	35.41
49.25- 50.25	67	195	9.05	26.35
48.25- 49.25	37	128	5.00	17.30
47.25- 48.25	36	91	4.86	12.30
46.25- 47.25	28	55	3.78	7.43
45.25- 46.25	10	27	1.35	3.65
44.25- 45.25	9	17	1.22	2.30
43.25- 44.25	5	8	0.68	1.08
42.25- 43.25	2	3	0.27	0.41
41.25- 42.25	0	1	0.00	0.14
40.25- 41.25	0	1	0.00	0.14
39.25- 40.25	0	1	0.00	0.14
38.25- 39.25	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
53.06	MEAN VALUE	20.89
0.15	SE (MEAN)	0.06
4.09	SD DEVIATION	1.61
0.11	SE (SD DEV)	0.04

SYMMETRY---	VETA I =	0.35
KURTOSIS---	VETA II =	3.35
COEF. OF VARIATION	=	7.70

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
64.09	99TH	25.23
62.36	98TH	24.55
61.33	97TH	24.15
60.01	95TH	23.63
58.13	90TH	22.89
56.95	85TH	22.42
56.07	80TH	22.07
55.33	75TH	21.78
54.69	70TH	21.53
54.12	65TH	21.31
53.59	60TH	21.10
53.08	55TH	20.90
52.59	50TH	20.71
52.11	45TH	20.51
51.63	40TH	20.33
51.13	35TH	20.13
50.62	30TH	19.93
50.07	25TH	19.71
49.46	20TH	19.47
48.77	15TH	19.20
47.88	10TH	18.85
46.58	5TH	18.34
45.73	3RD	18.00
45.10	2RD	17.75
44.09	1ST	17.36



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

..... LOWER THIGH CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPT
46.75- 47.25	2	740	0.27	100.00
46.25- 46.75	0	738	0.00	99.73
45.75- 46.25	1	738	0.14	99.73
45.25- 45.75	0	737	0.00	99.59
44.75- 45.25	0	737	0.00	99.59
44.25- 44.75	2	737	0.27	99.59
43.75- 44.25	3	735	0.41	99.32
43.25- 43.75	1	732	0.14	98.92
42.75- 43.25	6	731	0.81	98.78
42.25- 42.75	2	725	0.27	97.97
41.75- 42.25	20	723	2.70	97.70
41.25- 41.75	4	703	0.54	95.00
40.75- 41.25	29	699	3.92	94.46
40.25- 40.75	6	670	0.81	90.54
39.75- 40.25	49	664	6.62	89.73
39.25- 39.75	12	615	1.62	83.11
38.75- 39.25	63	603	8.51	81.49
38.25- 38.75	16	540	2.16	72.97
37.75- 38.25	80	524	10.81	70.81
37.25- 37.75	18	444	2.43	60.00
36.75- 37.25	105	426	14.19	57.57
36.25- 36.75	13	321	1.76	43.38
35.75- 36.25	93	308	12.57	41.62
35.25- 35.75	19	215	2.57	29.05
34.75- 35.25	76	196	10.27	26.49
34.25- 34.75	15	120	2.03	16.22
33.75- 34.25	44	105	5.95	14.19
33.25- 33.75	10	61	1.35	8.24
32.75- 33.25	22	51	2.97	6.89
32.25- 32.75	8	29	1.08	3.92
31.75- 32.25	14	21	1.89	2.84
31.25- 31.75	1	7	0.14	0.95
30.75- 31.25	5	6	0.68	0.81
30.25- 30.75	0	1	0.00	0.14
29.75- 30.25	0	1	0.00	0.14
29.25- 29.75	0	1	0.00	0.14
28.75- 29.25	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
37.10	MEAN VALUE 14.60
0.10	SE (MEAN) 0.04
2.61	SD DEVIATION 1.03
0.07	SE (SD DEV) 0.03

SYMMETRY---VETA I = 0.30
KURTOSIS---VETA II = 3.30
COEF. OF VARIATION = 7.05

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS	INCHES
43.80	99TH 17.24
42.84	98TH 16.87
42.27	97TH 16.64
41.53	95TH 16.35
40.45	90TH 15.93
39.76	85TH 15.65
39.23	80TH 15.44
38.77	75TH 15.27
38.37	70TH 15.11
38.01	65TH 14.96
37.66	60TH 14.83
37.33	55TH 14.70
37.00	50TH 14.57
36.67	45TH 14.44
36.34	40TH 14.31
36.01	35TH 14.18
35.65	30TH 14.04
35.27	25TH 13.89
34.85	20TH 13.72
34.37	15TH 13.53
33.79	10TH 13.30
32.96	5TH 12.98
32.46	3RD 12.78
32.12	2RD 12.65
31.65	1ST 12.46



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
CALF CIRCUMFERENCE

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

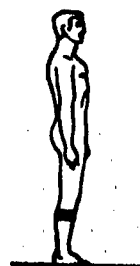
CENTIMETERS		INCHES
34.48	MEAN VALUE	13.58
0.08	SE (MEAN)	0.03
2.21	SD DEVIATION	0.87
0.06	SE (SD DEV)	0.02

SYMMETRY---	VETA I =	0.34
KURTOSIS---	VETA II =	3.46
COEF. OF VARIATION	=	6.40

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
40.38	99TH	15.90
39.55	98TH	15.57
39.03	97TH	15.37
38.35	95TH	15.10
37.35	90TH	14.70
36.70	85TH	14.45
36.22	80TH	14.26
35.81	75TH	14.10
35.47	70TH	13.96
35.15	65TH	13.84
34.87	60TH	13.73
34.59	55TH	13.62
34.33	50TH	13.52
34.08	45TH	13.42
33.82	40TH	13.32
33.57	35TH	13.21
33.30	30TH	13.11
33.01	25TH	13.00
32.69	20TH	12.87
32.32	15TH	12.72
31.83	10TH	12.53
31.07	5TH	12.23
30.52	3RD	12.02
30.09	2RD	11.85
29.34	1ST	11.55



RANGES*	F	CUMF	FPCT	CUMPCT
41.75- 42.25	4	740	0.54	100.00
41.25- 41.75	0	736	0.00	99.46
40.75- 41.25	1	736	0.14	99.46
40.25- 40.75	2	735	0.27	99.32
39.75- 40.25	10	733	1.35	99.05
39.25- 39.75	1	723	0.14	97.70
38.75- 39.25	9	722	1.22	97.57
38.25- 38.75	9	713	1.22	96.35
37.75- 38.25	20	704	2.70	95.14
37.25- 37.75	15	684	2.03	92.43
36.75- 37.25	46	669	6.22	90.41
36.25- 36.75	25	623	3.38	84.19
35.75- 36.25	56	598	7.57	80.81
35.25- 35.75	43	542	5.81	73.24
34.75- 35.25	68	499	9.19	67.43
34.25- 34.75	64	431	8.65	58.24
33.75- 34.25	103	367	13.92	49.59
33.25- 33.75	37	264	5.00	35.68
32.75- 33.25	81	227	10.95	30.68
32.25- 32.75	34	146	4.59	19.73
31.75- 32.25	48	112	6.49	15.14
31.25- 31.75	18	64	2.43	8.65
30.75- 31.25	21	46	2.84	6.22
30.25- 30.75	8	25	1.08	3.38
29.75- 30.25	5	17	0.68	2.30
29.25- 29.75	6	12	0.81	1.62
28.75- 29.25	5	6	0.68	0.81
28.25- 28.75	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

ANKLE CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMFCT
25.55- 25.75	1	740	0.14	100.00
25.35- 25.55	1	739	0.14	99.86
25.15- 25.35	0	738	0.00	99.73
24.95- 25.15	4	738	0.54	99.73
24.75- 24.95	0	734	0.00	99.19
24.55- 24.75	0	734	0.00	99.19
24.35- 24.55	2	734	0.27	99.19
24.15- 24.35	3	732	0.41	98.92
23.95- 24.15	30	729	4.05	98.51
23.75- 23.95	1	699	0.14	94.46
23.55- 23.75	1	698	0.14	94.32
23.35- 23.55	4	697	0.54	94.19
23.15- 23.35	8	693	1.08	93.65
22.95- 23.15	73	685	9.86	92.57
22.75- 22.95	5	612	0.68	82.70
22.55- 22.75	5	607	0.68	82.03
22.35- 22.55	22	602	2.97	81.35
22.15- 22.35	23	580	3.11	78.38
21.95- 22.15	139	557	18.78	75.27
21.75- 21.95	10	418	1.35	56.49
21.55- 21.75	10	408	1.35	55.14
21.35- 21.55	55	398	7.43	53.78
21.15- 21.35	37	343	5.00	46.35
20.95- 21.15	121	306	16.35	41.35
20.75- 20.95	7	185	0.95	25.00
20.55- 20.75	12	178	1.62	24.05
20.35- 20.55	51	166	6.89	22.43
20.15- 20.35	19	115	2.57	15.54
19.95- 20.15	55	96	7.43	12.97
19.75- 19.95	8	41	1.08	5.54
19.55- 19.75	3	33	0.41	4.46
19.35- 19.55	12	30	1.62	4.05
19.15- 19.35	4	18	0.54	2.43
18.95- 19.15	10	14	1.35	1.89
18.75- 18.95	3	4	0.41	0.54
18.55- 18.75	0	1	0.00	0.14
18.35- 18.55	1	1	0.14	0.14



CENTIMETERS		INCHES
21.55	MEAN VALUE	8.48
0.04	SE (MEAN)	0.02
1.19	SD DEVIATION	0.47
0.03	SE (SD DEV)	0.01

SYMMETRY---	VETA I =	0.31
KURTOSIS---	VETA II =	3.05
COEF. OF VARIATION	=	5.54

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
24.46	99TH	9.63
24.20	98TH	9.53
24.01	97TH	9.45
23.72	95TH	9.34
23.23	90TH	9.14
22.88	85TH	9.01
22.61	80TH	8.90
22.38	75TH	8.81
22.17	70TH	8.73
21.99	65TH	8.66
21.82	60TH	8.59
21.65	55TH	8.53
21.50	50TH	8.46
21.35	45TH	8.40
21.20	40TH	8.35
21.05	35TH	8.29
20.90	30TH	8.23
20.74	25TH	8.17
20.57	20TH	8.10
20.37	15TH	8.02
20.13	10TH	7.92
19.76	5TH	7.78
19.50	3RD	7.68
19.29	2RD	7.59
18.93	1ST	7.45

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 HEAD HEIGHT (TRAGION-TO-VERTEX)

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
12.59	MEAN VALUE	4.96
0.03	SE (MEAN)	0.01
0.71	SD DEVIATION	0.28
0.02	SE (SD DEV)	0.01

SYMMETRY---VETA I = -0.14
 KURTOSIS---VETA II = 3.61
 COEF. OF VARIATION = 5.67

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
14.13	99TH	5.56
13.96	98TH	5.50
13.86	97TH	5.46
13.71	95TH	5.40
13.47	90TH	5.30
13.31	85TH	5.24
13.18	80TH	5.19
13.07	75TH	5.15
12.97	70TH	5.11
12.88	65TH	5.07
12.79	60TH	5.04
12.70	55TH	5.00
12.62	50TH	4.97
12.53	45TH	4.93
12.44	40TH	4.90
12.35	35TH	4.86
12.25	30TH	4.82
12.14	25TH	4.78
12.01	20TH	4.73
11.87	15TH	4.67
11.67	10TH	4.60
11.37	5TH	4.48
11.17	3RD	4.40
11.01	2RD	4.33
10.74	1ST	4.23



RANGES*	F	CUMF	FPCT	CUMPCT
15.55- 15.75	1	740	0.14	100.00
15.35- 15.55	0	739	0.00	99.86
15.15- 15.35	0	739	0.00	99.86
14.95- 15.15	0	739	0.00	99.86
14.75- 14.95	1	739	0.14	99.86
14.55- 14.75	1	738	0.14	99.73
14.35- 14.55	1	737	0.14	99.59
14.15- 14.35	3	736	0.41	99.46
13.95- 14.15	7	733	0.95	99.05
13.75- 13.95	19	726	2.57	98.11
13.55- 13.75	23	707	3.11	95.54
13.35- 13.55	45	684	6.08	92.43
13.15- 13.35	63	639	8.51	86.35
12.95- 13.15	67	576	9.05	77.84
12.75- 12.95	74	509	10.00	68.78
12.55- 12.75	85	435	11.49	58.78
12.35- 12.55	95	350	12.84	47.30
12.15- 12.35	69	255	9.32	34.46
11.95- 12.15	58	186	7.84	25.14
11.75- 11.95	46	128	6.22	17.30
11.55- 11.75	27	82	3.65	11.08
11.35- 11.55	21	55	2.84	7.43
11.15- 11.35	11	34	1.49	4.59
10.95- 11.15	10	23	1.35	3.11
10.75- 10.95	6	13	0.81	1.76
10.55- 10.75	4	7	0.54	0.95
10.35- 10.55	1	3	0.14	0.41
10.15- 10.35	1	2	0.14	0.27
9.95- 10.15	1	1	0.14	0.14

*IN CENTIMETERS

II-193

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....
HEAD LENGTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
18.67	MEAN VALUE	7.35
0.03	SE (MEAN)	0.01
0.78	SD DEVIATION	0.31
0.02	SE (SD DEV)	0.01

SYMMETRY---VETA I = -0.22
KURTOSIS---VETA II = 2.67
COEF. OF VARIATION = 4.19

RANGES*	F	CUMF	FPCT	CUMPC
20.75- 20.95	1	740	0.14	100.00
20.55- 20.75	2	739	0.27	99.86
20.35- 20.55	1	737	0.14	99.59
20.15- 20.35	8	736	1.08	99.46
19.95- 20.15	20	728	2.70	98.38
19.75- 19.95	24	708	3.24	95.68
19.55- 19.75	42	684	5.68	92.43
19.35- 19.55	50	642	6.76	86.76
19.15- 19.35	70	592	9.46	80.00
18.95- 19.15	79	522	10.68	70.54
18.75- 18.95	59	443	7.97	59.86
18.55- 18.75	70	384	9.46	51.89
18.35- 18.55	72	314	9.73	42.43
18.15- 18.35	54	242	7.30	32.70
17.95- 18.15	51	188	6.89	25.41
17.75- 17.95	33	137	4.46	18.51
17.55- 17.75	35	104	4.73	14.05
17.35- 17.55	27	69	3.65	9.32
17.15- 17.35	22	42	2.97	5.68
16.95- 17.15	11	20	1.49	2.70
16.75- 16.95	3	9	0.41	1.22
16.55- 16.75	3	6	0.41	0.81
16.35- 16.55	3	3	0.41	0.41



NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
20.27	99TH	7.98
20.13	98TH	7.92
20.03	97TH	7.89
19.90	95TH	7.83
19.67	90TH	7.75
19.51	85TH	7.68
19.37	80TH	7.63
19.25	75TH	7.58
19.14	70TH	7.53
19.03	65TH	7.49
18.93	60TH	7.45
18.82	55TH	7.41
18.72	50TH	7.37
18.61	45TH	7.33
18.50	40TH	7.28
18.39	35TH	7.24
18.27	30TH	7.19
18.13	25TH	7.14
17.99	20TH	7.08
17.82	15TH	7.01
17.61	10TH	6.93
17.31	5TH	6.82
17.14	3RD	6.75
17.03	2RD	6.70
16.87	1ST	6.64

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
HEAD BREADTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES* F CUMF FPCT CUMFCT

CENTIMETERS INCHES

15.05 MEAN VALUE 5.93
0.02 SE (MEAN) 0.01
0.67 SD DEVIATION 0.26
0.02 SE (SD DEV) 0.01

SYMMETRY---VETA I = 0.06
KURTOSIS---VETA II = 2.91
COEF. OF VARIATION = 4.46

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS INCHES

16.55	99TH	6.52
16.42	98TH	6.46
16.32	97TH	6.43
16.18	95TH	6.37
15.95	90TH	6.28
15.78	85TH	6.21
15.64	80TH	6.16
15.52	75TH	6.11
15.41	70TH	6.07
15.31	65TH	6.03
15.22	60TH	5.99
15.13	55TH	5.96
15.04	50TH	5.92
14.95	45TH	5.88
14.86	40TH	5.85
14.77	35TH	5.81
14.67	30TH	5.78
14.57	25TH	5.74
14.46	20TH	5.69
14.34	15TH	5.65
14.19	10TH	5.59
13.99	5TH	5.51
13.86	3RD	5.46
13.78	2RD	5.42
13.65	1ST	5.37



*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

FACE BREADTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS

INCHES

12.13 MEAN VALUE 4.78
0.02 SE (MEAN) 0.01
0.60 SD DEVIATION 0.24
0.02 SE (SD DEV) 0.01

SYMMETRY---VETA I = 0.15
KURTOSIS---VETA II = 3.00
COEF. OF VARIATION = 4.97

NUMBER OF SUBJECTS = 740.

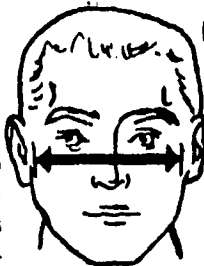
THE PERCENTILES

CENTIMETERS

INCHES

13.64	99TH	5.37
13.44	98TH	5.29
13.32	97TH	5.24
13.16	95TH	5.18
12.92	90TH	5.09
12.77	85TH	5.03
12.64	80TH	4.98
12.54	75TH	4.94
12.45	70TH	4.90
12.36	65TH	4.87
12.28	60TH	4.83
12.20	55TH	4.80
12.13	50TH	4.77
12.05	45TH	4.74
11.97	40TH	4.71
11.89	35TH	4.68
11.81	30TH	4.65
11.72	25TH	4.61
11.62	20TH	4.58
11.51	15TH	4.53
11.37	10TH	4.47
11.16	5TH	4.40
11.04	3RD	4.35
10.95	2RD	4.31
10.83	1ST	4.26

RANGES*	F	CUMF	FPCT	CUMPC
14.15- 14.35	1	740	0.14	100.00
13.95- 14.15	1	739	0.14	99.86
13.75- 13.95	2	738	0.27	99.73
13.55- 13.75	5	736	0.68	99.46
13.35- 13.55	12	731	1.62	98.78
13.15- 13.35	20	719	2.70	97.16
12.95- 13.15	28	699	3.78	94.46
12.75- 12.95	38	671	5.14	90.68
12.55- 12.75	67	633	9.05	85.54
12.35- 12.55	81	566	10.95	76.49
12.15- 12.35	108	485	14.59	65.54
11.95- 12.15	112	377	15.14	50.95
11.75- 11.95	63	265	8.51	35.81
11.55- 11.75	77	202	10.41	27.30
11.35- 11.55	51	125	6.89	16.89
11.15- 11.35	39	74	5.27	10.00
10.95- 11.15	22	35	2.97	4.73
10.75- 10.95	9	13	1.22	1.76
10.55- 10.75	2	4	0.27	0.54
10.35- 10.55	2	2	0.27	0.27



*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

BITRAGION DIAMETER

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS

INCHES

13.38 MEAN VALUE 5.27
0.02 SE (MEAN) 0.01
0.52 SD DEVIATION 0.21
0.01 SE (SD DEV) 0.01

SYMMETRY---VETA I = 0.14
KURTOSIS---VETA II = 3.22
COEF. OF VARIATION = 3.90

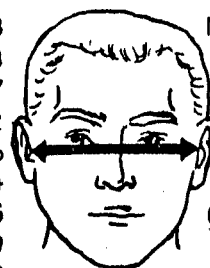
NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS

INCHES

14.72 99TH 5.80
14.50 98TH 5.71
14.38 97TH 5.66
14.23 95TH 5.60
14.02 90TH 5.52
13.90 85TH 5.47
13.80 80TH 5.43
13.72 75TH 5.40
13.64 70TH 5.37
13.58 65TH 5.34
13.51 60TH 5.32
13.45 55TH 5.29
13.38 50TH 5.27
13.32 45TH 5.24
13.25 40TH 5.22
13.18 35TH 5.19
13.11 30TH 5.16
13.03 25TH 5.13
12.94 20TH 5.09
12.83 15TH 5.05
12.70 10TH 5.00
12.52 5TH 4.93
12.41 3RD 4.88
12.34 2RD 4.86
12.25 1ST 4.82



RANGES*	F	CUMF	FPCT	CUMFCT
15.35- 15.45	1	740	0.14	100.00
15.25- 15.35	0	739	0.00	99.86
15.15- 15.25	0	739	0.00	99.86
15.05- 15.15	1	739	0.14	99.86
14.95- 15.05	0	738	0.00	99.73
14.85- 14.95	1	738	0.14	99.73
14.75- 14.85	3	737	0.41	99.59
14.65- 14.75	3	734	0.41	99.19
14.55- 14.65	3	731	0.41	98.78
14.45- 14.55	6	728	0.81	98.38
14.35- 14.45	10	722	1.35	97.57
14.25- 14.35	10	712	1.35	96.22
14.15- 14.25	15	702	2.03	94.86
14.05- 14.15	11	687	1.49	92.84
13.95- 14.05	36	676	4.86	91.35
13.85- 13.95	16	640	2.16	86.49
13.75- 13.85	43	624	5.81	84.32
13.65- 13.75	55	581	7.43	78.51
13.55- 13.65	61	526	8.24	71.08
13.45- 13.55	54	465	7.30	62.84
13.35- 13.45	61	411	8.24	55.54
13.25- 13.35	60	350	8.11	47.30
13.15- 13.25	56	290	7.57	39.19
13.05- 13.15	44	234	5.95	31.62
12.95- 13.05	46	190	6.22	25.68
12.85- 12.95	19	144	2.57	19.46
12.75- 12.85	38	125	5.14	16.89
12.65- 12.75	18	87	2.43	11.76
12.55- 12.65	21	69	2.84	9.32
12.45- 12.55	22	48	2.97	6.49
12.35- 12.45	10	26	1.35	3.51
12.25- 12.35	9	16	1.22	2.16
12.15- 12.25	2	7	0.27	0.95
12.05- 12.15	3	5	0.41	0.68
11.95- 12.05	2	2	0.27	0.27

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 FACE LENGTH (MENTON-NASAL ROOT DEPRESSION)

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES*	F	CUMF	FPCT	CUMFCT
14.15- 14.25	1	740	0.14	100.00
14.05- 14.15	0	739	0.00	99.86
13.95- 14.05	1	739	0.14	99.86
13.85- 13.95	0	738	0.00	99.73
13.75- 13.85	2	738	0.27	99.73
13.65- 13.75	3	736	0.41	99.46
13.55- 13.65	4	733	0.54	99.05
13.45- 13.55	4	729	0.54	98.51
13.35- 13.45	6	725	0.81	97.97
13.25- 13.35	11	719	1.49	97.16
13.15- 13.25	16	708	2.16	95.68
13.05- 13.15	9	692	1.22	93.51
12.95- 13.05	28	683	3.78	92.30
12.85- 12.95	20	655	2.70	88.51
12.75- 12.85	42	635	5.68	85.81
12.65- 12.75	40	593	5.41	80.14
12.55- 12.65	28	553	3.78	74.73
12.45- 12.55	68	525	9.19	70.95
12.35- 12.45	37	457	5.00	61.76
12.25- 12.35	46	420	6.22	56.76
12.15- 12.25	53	374	7.16	50.54
12.05- 12.15	49	321	6.62	43.38
11.95- 12.05	52	272	7.03	36.76
11.85- 11.95	29	220	3.92	29.73
11.75- 11.85	40	191	5.41	25.81
11.65- 11.75	26	151	3.51	20.41
11.55- 11.65	26	125	3.51	16.89
11.45- 11.55	21	99	2.84	13.38
11.35- 11.45	15	78	2.03	10.54
11.25- 11.35	15	63	2.03	8.51
11.15- 11.25	20	48	2.70	6.49
11.05- 11.15	5	28	0.68	3.78
10.95- 11.05	9	23	1.22	3.11
10.85- 10.95	4	14	0.54	1.89
10.75- 10.85	3	10	0.41	1.35
10.65- 10.75	5	7	0.68	0.95
10.55- 10.65	1	2	0.14	0.27
10.45- 10.55	0	1	0.00	0.14
10.35- 10.45	1	1	0.14	0.14

CENTIMETERS

INCHES

12.23	MEAN VALUE	4.82
0.02	SE(MEAN)	0.01
0.61	SD DEVIATION	0.24
0.02	SE(SD DEV)	0.01

SYMMETRY---	VETA I =	-0.08
KURTOSIS---	VETA II =	2.97
COEF. OF VARIATION	=	4.95

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS

INCHES

13.64	99TH	5.37
13.46	98TH	5.30
13.35	97TH	5.25
13.20	95TH	5.20
12.99	90TH	5.11
12.85	85TH	5.06
12.74	80TH	5.02
12.65	75TH	4.98
12.56	70TH	4.94
12.48	65TH	4.91
12.40	60TH	4.88
12.33	55TH	4.85
12.25	50TH	4.82
12.18	45TH	4.79
12.10	40TH	4.76
12.02	35TH	4.73
11.93	30TH	4.70
11.84	25TH	4.66
11.73	20TH	4.62
11.60	15TH	4.57
11.44	10TH	4.50
11.20	5TH	4.41
11.05	3RD	4.35
10.94	2RD	4.31
10.77	1ST	4.24



*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 INTERPUPILLARY DISTANCE

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

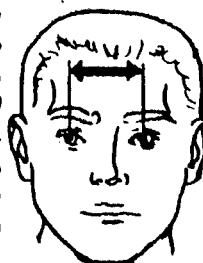
CENTIMETERS		INCHES
6.14	MEAN VALUE	2.42
0.01	SE (MEAN)	0.00
0.31	SD DEVIATION	0.12
0.01	SE (SD DEV)	0.00

SYMMETRY---	VETA I =	0.23
KURTOSIS---	VETA II =	3.38
COEF. OF VARIATION	=	4.98

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
6.94	99TH	2.73
6.82	98TH	2.69
6.75	97TH	2.66
6.66	95TH	2.62
6.53	90TH	2.57
6.45	85TH	2.54
6.39	80TH	2.52
6.33	75TH	2.49
6.29	70TH	2.48
6.25	65TH	2.46
6.21	60TH	2.44
6.17	55TH	2.43
6.13	50TH	2.41
6.09	45TH	2.40
6.06	40TH	2.38
6.02	35TH	2.37
5.98	30TH	2.35
5.93	25TH	2.34
5.88	20TH	2.32
5.83	15TH	2.29
5.76	10TH	2.27
5.65	5TH	2.23
5.58	3RD	2.20
5.53	2RD	2.18
5.45	1ST	2.15



RANGES*	F	CUMF	FPCT	CUMPT
7.35- 7.45	1	740	0.14	100.00
7.25- 7.35	0	739	0.00	99.86
7.15- 7.25	0	739	0.00	99.86
7.05- 7.15	0	739	0.00	99.86
6.95- 7.05	5	739	0.68	99.86
6.85- 6.95	7	734	0.95	99.19
6.75- 6.85	9	727	1.22	98.24
6.65- 6.75	21	718	2.84	97.03
6.55- 6.65	17	697	2.30	94.19
6.45- 6.55	65	680	8.78	91.89
6.35- 6.45	34	615	4.59	83.11
6.25- 6.35	90	581	12.16	78.51
6.15- 6.25	110	491	14.86	66.35
6.05- 6.15	66	381	8.92	51.49
5.95- 6.05	144	315	19.46	42.57
5.85- 5.95	47	171	6.35	23.11
5.75- 5.85	56	124	7.57	16.76
5.65- 5.75	33	68	4.46	9.19
5.55- 5.65	14	35	1.89	4.73
5.45- 5.55	17	21	2.30	2.84
5.35- 5.45	2	4	0.27	0.54
5.25- 5.35	1	2	0.14	0.27
5.15- 5.25	0	1	0.00	0.14
5.05- 5.15	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....
FOOT LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
29.85- 30.15	1	740	0.14	100.00
29.55- 29.85	0	739	0.00	99.86
29.25- 29.55	7	739	0.95	99.86
28.95- 29.25	5	732	0.68	98.92
28.65- 28.95	0	727	0.00	98.24
28.35- 28.65	18	727	2.43	98.24
28.05- 28.35	1	709	0.14	95.81
27.75- 28.05	27	708	3.65	95.68
27.45- 27.75	48	681	6.49	92.03
27.15- 27.45	7	633	0.95	85.54
26.85- 27.15	85	626	11.49	84.59
26.55- 26.85	8	541	1.08	73.11
26.25- 26.55	104	533	14.05	72.03
25.95- 26.25	113	429	15.27	57.97
25.65- 25.95	2	316	0.27	42.70
25.35- 25.65	121	314	16.35	42.43
25.05- 25.35	5	193	0.68	26.08
24.75- 25.05	78	188	10.54	25.41
24.45- 24.75	59	110	7.97	14.86
24.15- 24.45	3	51	0.41	6.89
23.85- 24.15	31	48	4.19	6.49
23.55- 23.85	2	17	0.27	2.30
23.25- 23.55	12	15	1.62	2.03
22.95- 23.25	2	3	0.27	0.41
22.65- 22.95	0	1	0.00	0.14
22.35- 22.65	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
26.04	MEAN VALUE	10.25
0.04	SE (MEAN)	0.02
1.22	SD DEVIATION	0.48
0.03	SE (SD DEV)	0.01

SYMMETRY---	VETA I =	0.22
KURTOSIS---	VETA II =	3.02
COEF. OF VARIATION	=	4.68

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
29.21	99TH	11.50
28.73	98TH	11.31
28.44	97TH	11.20
28.09	95TH	11.06
27.58	90TH	10.86
27.26	85TH	10.73
27.02	80TH	10.64
26.81	75TH	10.56
26.63	70TH	10.48
26.46	65TH	10.42
26.30	60TH	10.36
26.15	55TH	10.30
26.00	50TH	10.24
25.85	45TH	10.18
25.70	40TH	10.12
25.54	35TH	10.05
25.37	30TH	9.99
25.19	25TH	9.92
24.99	20TH	9.84
24.75	15TH	9.75
24.46	10TH	9.63
24.05	5TH	9.47
23.80	3RD	9.37
23.62	2RD	9.30
23.37	1ST	9.20



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....
INSTEP LENGTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS INCHES

17.54 MEAN VALUE 6.91
0.05 SE (MEAN) 0.02
1.23 SD DEVIATION 0.48
0.03 SE (SD DEV) 0.01

SYMMETRY---VETA I = 0.21
KURTOSIS---VETA II = 3.38
COEF. OF VARIATION = 6.99

NUMBER OF SUBJECTS = 700.

THE PERCENTILES

CENTIMETERS INCHES

20.73 99TH 8.16
20.20 98TH 7.95
19.91 97TH 7.84
19.54 95TH 7.69
19.05 90TH 7.50
18.75 85TH 7.38
18.52 80TH 7.29
18.33 75TH 7.21
18.15 70TH 7.15
17.99 65TH 7.08
17.84 60TH 7.02
17.69 55TH 6.96
17.54 50TH 6.91
17.39 45TH 6.85
17.24 40TH 6.79
17.08 35TH 6.72
16.91 30TH 6.66
16.72 25TH 6.58
16.51 20TH 6.50
16.26 15TH 6.40
15.96 10TH 6.28
15.53 5TH 6.11
15.27 3RD 6.01
15.11 2RD 5.95
14.89 1ST 5.86



RANGES*	F	CUMF	FPCT	CUMPT
22.75- 23.25	1	700	0.14	100.00
22.25- 22.75	0	699	0.00	99.86
21.75- 22.25	0	699	0.00	99.86
21.25- 21.75	1	699	0.14	99.86
20.75- 21.25	7	698	1.00	99.71
20.25- 20.75	0	691	0.00	98.71
19.75- 20.25	13	691	1.86	98.71
19.25- 19.75	24	678	3.43	96.86
18.75- 19.25	78	654	11.14	93.43
18.25- 18.75	57	576	8.14	82.29
17.75- 18.25	139	519	19.86	74.14
17.25- 17.75	70	380	10.00	54.29
16.75- 17.25	141	310	20.14	44.29
16.25- 16.75	53	169	7.57	24.14
15.75- 16.25	78	116	11.14	16.57
15.25- 15.75	20	38	2.86	5.43
14.75- 15.25	13	18	1.86	2.57
14.25- 14.75	3	5	0.43	0.71
13.75- 14.25	2	2	0.29	0.29

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

***** FOOT BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPT
11.95- 12.05	10	740	1.35	100.00
11.85- 11.95	0	730	0.00	98.65
11.75- 11.85	0	730	0.00	98.65
11.65- 11.75	0	730	0.00	98.65
11.55- 11.65	0	730	0.00	98.65
11.45- 11.55	35	730	4.73	98.65
11.35- 11.45	0	695	0.00	93.92
11.25- 11.35	0	695	0.00	93.92
11.15- 11.25	0	695	0.00	93.92
11.05- 11.15	0	695	0.00	93.92
10.95- 11.05	141	695	19.05	93.92
10.85- 10.95	0	554	0.00	74.86
10.75- 10.85	0	554	0.00	74.86
10.65- 10.75	0	554	0.00	74.86
10.55- 10.65	0	554	0.00	74.86
10.45- 10.55	208	554	28.11	74.86
10.35- 10.45	0	346	0.00	46.76
10.25- 10.35	0	346	0.00	46.76
10.15- 10.25	0	346	0.00	46.76
10.05- 10.15	0	346	0.00	46.76
9.95- 10.05	209	346	28.24	46.76
9.85- 9.95	0	137	0.00	18.51
9.75- 9.85	0	137	0.00	18.51
9.65- 9.75	0	137	0.00	18.51
9.55- 9.65	0	137	0.00	18.51
9.45- 9.55	100	137	13.51	18.51
9.35- 9.45	0	37	0.00	5.00
9.25- 9.35	0	37	0.00	5.00
9.15- 9.25	0	37	0.00	5.00
9.05- 9.15	0	37	0.00	5.00
8.95- 9.05	33	37	4.46	5.00
8.85- 8.95	0	4	0.00	0.54
8.75- 8.85	0	4	0.00	0.54
8.65- 8.75	0	4	0.00	0.54
8.55- 8.65	0	4	0.00	0.54
8.45- 8.55	4	4	0.54	0.54

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
10.31	MEAN VALUE	4.06
0.02	SE (MEAN)	0.01
0.65	SD DEVIATION	0.25
0.02	SE (SD DEV)	0.01

SYMMETRY---	VETA I = -0.01
KURTOSIS---	VETA II = 2.88
COEF. OF VARIATION	= 6.26

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
11.89	99TH	4.68
11.67	98TH	4.60
11.55	97TH	4.55
11.38	95TH	4.48
11.14	90TH	4.39
10.99	85TH	4.32
10.86	80TH	4.28
10.76	75TH	4.24
10.66	70TH	4.20
10.58	65TH	4.16
10.49	60TH	4.13
10.41	55TH	4.10
10.33	50TH	4.07
10.25	45TH	4.03
10.16	40TH	4.00
10.08	35TH	3.97
9.99	30TH	3.93
9.89	25TH	3.89
9.78	20TH	3.85
9.65	15TH	3.80
9.49	10TH	3.74
9.27	5TH	3.65
9.13	3RD	3.60
9.04	2RD	3.56
8.92	1ST	3.51



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HEEL BREADTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
6.81	MEAN VALUE	2.68
0.01	SE (MEAN)	0.01
0.35	SD DEVIATION	0.14
0.01	SE (SD DEV)	0.00

SYMMETRY---	VETA I =	0.03
KURTOSIS---	VETA II =	3.37
COEF. OF VARIATION	=	5.09

NUMBER OF SUBJECTS = 739.

THE PERCENTILES

CENTIMETERS		INCHES
7.60	99TH	2.99
7.51	98TH	2.96
7.45	97TH	2.93
7.37	95TH	2.90
7.24	90TH	2.85
7.16	85TH	2.82
7.10	80TH	2.79
7.04	75TH	2.77
6.99	70TH	2.75
6.94	65TH	2.73
6.90	60TH	2.71
6.85	55TH	2.70
6.81	50TH	2.68
6.77	45TH	2.66
6.72	40TH	2.65
6.68	35TH	2.63
6.63	30TH	2.61
6.58	25TH	2.59
6.52	20TH	2.57
6.45	15TH	2.54
6.37	10TH	2.51
6.24	5TH	2.46
6.15	3RD	2.42
6.09	2RD	2.40
5.99	1ST	2.36



RANGES*		F	CUMF	FPCT	CUMPCT
7.95-	8.05	4	739	0.54	100.00
7.85-	7.95	0	735	0.00	99.46
7.75+	7.85	1	735	0.14	99.46
7.65-	7.75	0	734	0.00	99.32
7.55-	7.65	5	734	0.68	99.32
7.45-	7.55	10	729	1.35	98.65
7.35-	7.45	27	719	3.65	97.29
7.25-	7.35	13	692	1.76	93.64
7.15-	7.25	59	679	7.98	91.88
7.05-	7.15	25	620	3.38	83.90
6.95-	7.05	182	595	24.63	80.51
6.85-	6.95	4	413	0.54	55.89
6.75-	6.85	88	409	11.91	55.35
6.65-	6.75	40	321	5.41	43.44
6.55-	6.65	124	281	16.78	38.02
6.45-	6.55	61	157	8.25	21.24
6.35-	6.45	39	96	5.28	12.99
6.25-	6.35	17	57	2.30	7.71
6.15-	6.25	18	40	2.44	5.41
6.05-	6.15	9	22	1.22	2.98
5.95-	6.05	11	13	1.49	1.76
5.85-	5.95	0	2	0.00	0.27
5.75-	5.85	0	2	0.00	0.27
5.65-	5.75	1	2	0.14	0.27
5.55-	5.65	0	1	0.00	0.14
5.45-	5.55	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

BALL-OF-FOOT CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
29.85- 30.15	1	739	0.14	100.00
29.55- 29.85	0	738	0.00	99.86
29.25- 29.55	0	738	0.00	99.86
28.95- 29.25	10	738	1.35	99.86
28.65- 28.95	0	728	0.00	98.51
28.35- 28.65	3	728	0.41	98.51
28.05- 28.35	3	725	0.41	98.11
27.75- 28.05	36	722	4.87	97.70
27.45- 27.75	4	686	0.54	92.83
27.15- 27.45	7	682	0.95	92.29
26.85- 27.15	133	675	18.00	91.34
26.55- 26.85	1	542	0.14	73.34
26.25- 26.55	17	541	2.30	73.21
25.95- 26.25	217	524	29.36	70.91
25.65- 25.95	2	307	0.27	41.54
25.35- 25.65	20	305	2.71	41.27
25.05- 25.35	11	285	1.49	38.57
24.75- 25.05	173	274	23.41	37.08
24.45- 24.75	1	101	0.14	13.67
24.15- 24.45	7	100	0.95	13.53
23.85- 24.15	74	93	10.01	12.58
23.55- 23.85	0	19	0.00	2.57
23.25- 23.55	4	19	0.54	2.57
22.95- 23.25	14	15	1.89	2.03
22.65- 22.95	0	1	0.00	0.14
22.35- 22.65	0	1	0.00	0.14
22.05- 22.35	0	1	0.00	0.14
21.75- 22.05	1	1	0.14	0.14



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
25.82	MEAN VALUE	10.17
0.04	SE (MEAN)	0.02
1.21	SD DEVIATION	0.48
0.03	SE (SD DEV)	0.01

SYMMETRY----	VETA I =	0.10
KURTOSIS----	VETA II =	3.04
COEF. OF VARIATION	=	4.70

NUMBER OF SUBJECTS = 739.

THE PERCENTILES

CENTIMETERS		INCHES
28.91	99TH	11.38
28.41	98TH	11.19
28.13	97TH	11.07
27.79	95TH	10.94
27.32	90TH	10.75
27.02	85TH	10.64
26.80	80TH	10.55
26.61	75TH	10.48
26.44	70TH	10.41
26.29	65TH	10.35
26.14	60TH	10.29
25.99	55TH	10.23
25.84	50TH	10.17
25.69	45TH	10.12
25.54	40TH	10.06
25.38	35TH	9.99
25.21	30TH	9.92
25.02	25TH	9.85
24.81	20TH	9.77
24.56	15TH	9.67
24.25	10TH	9.55
23.82	5TH	9.38
23.56	3RD	9.28
23.39	2RD	9.21
23.17	1ST	9.12

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HEEL-ANKLE DIAGONAL

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
33.81 MEAN VALUE	13.31
0.05 SE (MEAN)	0.02
1.46 SD DEVIATION	0.57
0.04 SE (SD DEV)	0.01

SYMMETRY---VETA I = 0.18
KURTOSIS---VETA II = 2.86
COEF. OF VARIATION = 4.31

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS	INCHES
37.43	99TH 14.74
36.97	98TH 14.55
36.68	97TH 14.44
36.30	95TH 14.29
35.72	90TH 14.06
35.34	85TH 13.91
35.04	80TH 13.79
34.78	75TH 13.69
34.55	70TH 13.60
34.34	65TH 13.52
34.14	60TH 13.44
33.95	55TH 13.37
33.77	50TH 13.29
33.58	45TH 13.22
33.39	40TH 13.15
33.20	35TH 13.07
33.00	30TH 12.99
32.78	25TH 12.91
32.55	20TH 12.81
32.27	15TH 12.71
31.94	10TH 12.57
31.46	5TH 12.39
31.17	3RD 12.27
30.96	2RD 12.19
30.65	1ST 12.07



RANGES*	F	CUMF	FPCT	CUMPT
38.25- 38.55	1	740	0.14	100.00
37.95- 38.25	4	739	0.54	99.86
37.65- 37.95	0	735	0.00	99.32
37.35- 37.65	3	735	0.41	99.32
37.05- 37.35	1	732	0.14	98.92
36.75- 37.05	16	731	2.16	98.78
36.45- 36.75	1	715	0.14	96.62
36.15- 36.45	7	714	0.95	96.49
35.85- 36.15	50	707	6.76	95.54
35.55- 35.85	1	657	0.14	88.78
35.25- 35.55	11	656	1.49	88.65
34.95- 35.25	125	645	16.89	87.16
34.65- 34.95	0	520	0.00	70.27
34.35- 34.65	12	520	1.62	70.27
34.05- 34.35	13	508	1.76	68.65
33.75- 34.05	178	495	24.05	66.89
33.45- 33.75	5	317	0.68	42.84
33.15- 33.45	15	312	2.03	42.16
32.85- 33.15	154	297	20.81	40.14
32.55- 32.85	1	143	0.14	19.32
32.25- 32.55	2	142	0.27	19.19
31.95- 32.25	101	140	13.65	18.92
31.65- 31.95	0	39	0.00	5.27
31.35- 31.65	3	39	0.41	5.27
31.05- 31.35	2	36	0.27	4.86
30.75- 31.05	32	34	4.32	4.59
30.45- 30.75	0	2	0.00	0.27
30.15- 30.45	0	2	0.00	0.27
29.85- 30.15	2	2	0.27	0.27

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
INSTEP CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPT
33.45- 33.75	1	740	0.14	100.00
33.15- 33.45	0	739	0.00	99.86
32.85- 33.15	0	739	0.00	99.86
32.55- 32.85	0	739	0.00	99.86
32.25- 32.55	0	739	0.00	99.86
31.95- 32.25	2	739	0.27	99.86
31.65- 31.95	0	737	0.00	99.59
31.35- 31.65	0	737	0.00	99.59
31.05- 31.35	1	737	0.14	99.59
30.75- 31.05	7	736	0.95	99.46
30.45- 30.75	0	729	0.00	98.51
30.15- 30.45	0	729	0.00	98.51
29.85- 30.15	33	729	4.46	98.51
29.55- 29.85	0	696	0.00	94.05
29.25- 29.55	3	696	0.41	94.05
28.95- 29.25	68	693	9.19	93.65
28.65- 28.95	1	625	0.14	84.46
28.35- 28.65	9	624	1.22	84.32
28.05- 28.35	3	615	0.41	83.11
27.75- 28.05	136	612	18.38	82.70
27.45- 27.75	24	476	3.24	64.32
27.15- 27.45	10	452	1.35	61.08
26.85- 27.15	178	442	24.05	59.73
26.55- 26.85	3	264	0.41	35.68
26.25- 26.55	10	261	1.35	35.27
25.95- 26.25	143	251	19.32	33.92
25.65- 25.95	0	108	0.00	14.59
25.35- 25.65	10	108	1.35	14.59
25.05- 25.35	3	98	0.41	13.24
24.75- 25.05	73	95	9.86	12.84
24.45- 24.75	0	22	0.00	2.97
24.15- 24.45	0	22	0.00	2.97
23.85- 24.15	21	22	2.84	2.97
23.55- 23.85	0	1	0.00	0.14
23.25- 23.55	0	1	0.00	0.14
22.95- 23.25	1	1	0.14	0.14

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
27.11	MEAN VALUE	10.67
0.05	SE (MEAN)	0.02
1.49	SD DEVIATION	0.59
0.04	SE (SD DEV)	0.02

SYMMETRY---VETA I = 0.32
KURTOSIS---VETA II = 3.34
COEF. OF VARIATION = 5.50

NUMBER OF SUBJECTS = 740.

THE PERCENTILES

CENTIMETERS		INCHES
30.81	99TH	12.13
30.37	98TH	11.96
30.08	97TH	11.84
29.69	95TH	11.69
29.07	90TH	11.44
28.66	85TH	11.28
28.34	80TH	11.16
28.07	75TH	11.05
27.83	70TH	10.96
27.62	65TH	10.87
27.42	60TH	10.79
27.23	55TH	10.72
27.04	50TH	10.65
26.86	45TH	10.58
26.69	40TH	10.51
26.50	35TH	10.43
26.32	30TH	10.36
26.12	25TH	10.28
25.90	20TH	10.20
25.65	15TH	10.10
25.33	10TH	9.97
24.86	5TH	9.79
24.53	3RD	9.66
24.28	2RD	9.56
23.85	1ST	9.39

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....
AGE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMFCT
49.50- 50.50	1	736	0.14	100.00
48.50- 49.50	0	735	0.00	99.86
47.50- 48.50	0	735	0.00	99.86
46.50- 47.50	1	735	0.14	99.86
45.50- 46.50	2	734	0.27	99.73
44.50- 45.50	1	732	0.14	99.46
43.50- 44.50	2	731	0.27	99.32
42.50- 43.50	0	729	0.00	99.05
41.50- 42.50	1	729	0.14	99.05
40.50- 41.50	1	728	0.14	98.91
39.50- 40.50	3	727	0.41	98.78
38.50- 39.50	4	724	0.54	98.37
37.50- 38.50	2	720	0.27	97.83
36.50- 37.50	5	718	0.68	97.55
35.50- 36.50	2	713	0.27	96.87
34.50- 35.50	1	711	0.14	96.60
33.50- 34.50	1	710	0.14	96.47
32.50- 33.50	6	709	0.82	96.33
31.50- 32.50	11	703	1.49	95.52
30.50- 31.50	10	692	1.36	94.02
29.50- 30.50	19	682	2.58	92.66
28.50- 29.50	10	663	1.36	90.08
27.50- 28.50	28	653	3.80	88.72
26.50- 27.50	25	625	3.40	84.92
25.50- 26.50	42	600	5.71	81.52
24.50- 25.50	33	558	4.48	75.82
23.50- 24.50	66	525	8.97	71.33
22.50- 23.50	67	459	9.10	62.36
21.50- 22.50	107	392	14.54	53.26
20.50- 21.50	150	285	20.38	38.72
19.50- 20.50	95	135	12.91	18.34
18.50- 19.50	40	40	5.43	5.43

*IN YEARS

THE SUMMARY STATISTICS

YEARS		YEARS
23.73	MEAN VALUE	23.73
0.17	SE(MEAN)	0.17
4.55	SD DEVIATION	4.55
0.12	SE(SD DEV)	0.12

SYMMETRY---VETA I = 2.20
KURTOSIS---VETA II = 9.38
COEF. OF VARIATION = 19.17

NUMBER OF SUBJECTS = 736.

THE PERCENTILES

YEARS		YEARS
42.56	99TH	42.56
38.31	98TH	38.31
35.93	97TH	35.93
33.09	95TH	33.09
29.48	90TH	29.48
27.51	85TH	27.51
26.19	80TH	26.19
25.19	75TH	25.19
24.41	70TH	24.41
23.77	65TH	23.77
23.22	60TH	23.22
22.75	55TH	22.75
22.33	50TH	22.33
21.96	45TH	21.96
21.62	40TH	21.62
21.31	35TH	21.31
21.02	30TH	21.02
20.75	25TH	20.75
20.47	20TH	20.47
20.20	15TH	20.20
19.88	10TH	19.88
19.45	5TH	19.45
19.17	3RD	19.17
18.95	2RD	18.95
18.56	1ST	18.56

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....
WEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
111.50-113.50	1	9414	0.01	100.00
109.50-111.50	0	9413	0.00	99.99
107.50-109.50	0	9413	0.00	99.99
105.50-107.50	0	9413	0.00	99.99
103.50-105.50	0	9413	0.00	99.99
101.50-103.50	0	9413	0.00	99.99
99.50-101.50	2	9413	0.02	99.99
97.50- 99.50	0	9411	0.00	99.97
95.50- 97.50	5	9411	0.05	99.97
93.50- 95.50	11	9406	0.12	99.91
91.50- 93.50	7	9395	0.07	99.80
89.50- 91.50	25	9388	0.27	99.72
87.50- 89.50	20	9363	0.21	99.46
85.50- 87.50	26	9343	0.28	99.25
83.50- 85.50	48	9317	0.51	98.97
81.50- 83.50	40	9269	0.42	98.46
79.50- 81.50	87	9229	0.92	98.03
77.50- 79.50	95	9142	1.01	97.11
75.50- 77.50	89	9047	0.95	96.10
73.50- 75.50	229	8958	2.43	95.16
71.50- 73.50	176	8729	1.87	92.72
69.50- 71.50	484	8553	5.14	90.85
67.50- 69.50	410	8069	4.36	85.71
65.50- 67.50	565	7659	6.00	81.36
63.50- 65.50	1108	7094	11.77	75.36
61.50- 63.50	816	5986	8.67	63.59
59.50- 61.50	1425	5170	15.14	54.92
57.50- 59.50	877	3745	9.32	39.78
55.50- 57.50	783	2868	8.32	30.47
53.50- 55.50	1020	2085	10.83	22.15
51.50- 53.50	407	1065	4.32	11.31
49.50- 51.50	428	658	4.55	6.99
47.50- 49.50	105	230	1.12	2.44
45.50- 47.50	63	125	0.67	1.33
43.50- 45.50	50	62	0.53	0.66
41.50- 43.50	8	12	0.08	0.13
39.50- 41.50	4	4	0.04	0.04

*IN KILOGRAMS

THE SUMMARY STATISTICS

KILOGRAMS

POUNDS

61.63 MEAN VALUE 135.59
0.08 SE(MEAN) 0.17
7.72 SD DEVIATION 16.98
0.06 SE(SD DEV) 0.12

SYMMETRY---VETA I = 0.86
KURTOSIS---VETA II = 4.68
COEF. OF VARIATION = 12.52

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

KILOGRAMS

POUNDS

85.86	99TH	188.90
81.36	98TH	178.99
78.80	97TH	173.36
75.65	95TH	166.43
71.45	90TH	157.18
68.98	85TH	151.75
67.20	80TH	147.85
65.77	75TH	144.70
64.57	70TH	142.05
63.51	65TH	139.72
62.55	60TH	137.60
61.65	55TH	135.62
60.79	50TH	133.73
59.95	45TH	131.89
59.12	40TH	130.07
58.29	35TH	128.24
57.43	30TH	126.34
56.51	25TH	124.32
55.50	20TH	122.10
54.34	15TH	119.55
52.89	10TH	116.37
50.76	5TH	111.68
49.39	3RD	108.66
48.39	2RD	106.45
46.83	1ST	103.02

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
HEIGHT (STATURE)

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPT
192.25-193.25	1	9414	0.01	100.00
191.25-192.25	0	9413	0.00	99.99
190.25-191.25	0	9413	0.00	99.99
189.25-190.25	1	9413	0.01	99.99
188.25-189.25	1	9412	0.01	99.98
187.25-188.25	1	9411	0.01	99.97
186.25-187.25	0	9410	0.00	99.96
185.25-186.25	5	9410	0.05	99.96
184.25-185.25	9	9405	0.10	99.90
183.25-184.25	19	9396	0.20	99.81
182.25-183.25	17	9377	0.18	99.61
181.25-182.25	20	9360	0.21	99.43
180.25-181.25	39	9340	0.41	99.21
179.25-180.25	53	9301	0.56	98.80
178.25-179.25	90	9248	0.96	98.24
177.25-178.25	119	9158	1.26	97.28
176.25-177.25	165	9039	1.75	96.02
175.25-176.25	172	8874	1.83	94.26
174.25-175.25	235	8702	2.50	92.44
173.25-174.25	291	8467	3.09	89.94
172.25-173.25	419	8176	4.45	86.85
171.25-172.25	459	7757	4.88	82.40
170.25-171.25	480	7298	5.10	77.52
169.25-170.25	514	6818	5.46	72.42
168.25-169.25	543	6304	5.77	66.96
167.25-168.25	663	5761	7.04	61.20
166.25-167.25	675	5098	7.17	54.15
165.25-166.25	677	4423	7.19	46.98
164.25-165.25	671	3746	7.13	39.79
163.25-164.25	542	3075	5.76	32.66
162.25-163.25	565	2533	6.00	26.91
161.25-162.25	456	1968	4.84	20.91
160.25-161.25	389	1512	4.13	16.06
159.25-160.25	271	1123	2.88	11.93
158.25-159.25	222	852	2.36	9.05
157.25-158.25	196	630	2.08	6.69
156.25-157.25	140	434	1.49	4.61
155.25-156.25	92	294	0.98	3.12
154.25-155.25	72	202	0.76	2.15
153.25-154.25	51	130	0.54	1.38
152.25-153.25	36	79	0.38	0.84
151.25-152.25	23	43	0.24	0.46
150.25-151.25	8	20	0.08	0.21
149.25-150.25	4	12	0.04	0.13
148.25-149.25	3	8	0.03	0.08
147.25-148.25	4	5	0.04	0.05
146.25-147.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

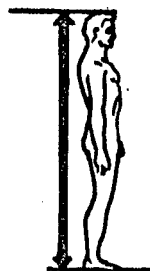
CENTIMETERS	INCHES
166.85	MEAN VALUE 65.69
0.06	SE(MEAN) 0.02
5.77	SD DEVIATION 2.27
0.04	SE(SD DEV) 0.02

SYMMETRY---	VETA I = 0.10
KURTOSIS---	VETA II = 3.06
COEF. OF VARIATION	= 3.46

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS		INCHES
180.71	99TH	71.15
179.08	98TH	70.50
178.02	97TH	70.09
176.58	95TH	69.52
174.35	90TH	68.64
172.85	85TH	68.05
171.67	80TH	67.59
170.67	75TH	67.19
169.77	70TH	66.84
168.95	65TH	66.52
168.18	60TH	66.21
167.45	55TH	65.92
166.72	50TH	65.64
166.00	45TH	65.35
165.28	40TH	65.07
164.54	35TH	64.78
163.76	30TH	64.47
162.92	25TH	64.14
161.99	20TH	63.78
160.92	15TH	63.35
159.55	10TH	62.82
157.51	5TH	62.01
156.15	3RD	61.48
155.13	2RD	61.08
153.47	1ST	60.42



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

..... CERVICALE HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
165.25-166.25	1	9414	0.01	100.00
164.25-165.25	0	9413	0.00	99.99
163.25-164.25	1	9413	0.01	99.99
162.25-163.25	2	9412	0.02	99.98
161.25-162.25	2	9410	0.02	99.96
160.25-161.25	2	9408	0.02	99.94
159.25-160.25	10	9406	0.11	99.91
158.25-159.25	16	9396	0.17	99.81
157.25-158.25	15	9380	0.16	99.64
156.25-157.25	27	9365	0.29	99.48
155.25-156.25	36	9338	0.38	99.19
154.25-155.25	61	9302	0.65	98.81
153.25-154.25	109	9241	1.16	98.16
152.25-153.25	127	9132	1.35	97.00
151.25-152.25	170	9005	1.81	95.66
150.25-151.25	185	8835	1.97	93.85
149.25-150.25	213	8650	2.26	91.88
148.25-149.25	305	8437	3.24	89.62
147.25-148.25	430	8132	4.57	86.38
146.25-147.25	484	7702	5.14	81.81
145.25-146.25	563	7218	5.98	76.67
144.25-145.25	649	6655	6.89	70.69
143.25-144.25	663	6006	7.04	63.80
142.25-143.25	754	5343	8.01	56.76
141.25-142.25	743	4589	7.89	48.75
140.25-141.25	610	3846	6.48	40.85
139.25-140.25	528	3236	5.61	34.37
138.25-139.25	567	2708	6.02	28.77
137.25-138.25	484	2141	5.14	22.74
136.25-137.25	400	1657	4.25	17.60
135.25-136.25	372	1257	3.95	13.35
134.25-135.25	256	885	2.72	9.40
133.25-134.25	229	629	2.43	6.68
132.25-133.25	145	400	1.54	4.25
131.25-132.25	99	255	1.05	2.71
130.25-131.25	56	156	0.59	1.66
129.25-130.25	43	100	0.46	1.06
128.25-129.25	22	57	0.23	0.61
127.25-128.25	16	35	0.17	0.37
126.25-127.25	12	19	0.13	0.20
125.25-126.25	4	7	0.04	0.07
124.25-125.25	1	3	0.01	0.03
123.25-124.25	2	2	0.02	0.02

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
142.41	MEAN VALUE 56.07
0.06	SE (MEAN) 0.02
5.49	SD DEVIATION 2.16
0.04	SE (SD DEV) 0.02

SYMMETRY---VETA I = 0.13
KURTOSIS---VETA II = 3.05
COEF. OF VARIATION = 3.86

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS	INCHES
155.85	99TH 61.36
154.14	98TH 60.69
153.08	97TH 60.27
151.66	95TH 59.71
149.52	90TH 58.87
148.10	85TH 58.31
147.00	80TH 57.87
146.05	75TH 57.50
145.21	70TH 57.17
144.44	65TH 56.87
143.71	60TH 56.58
143.01	55TH 56.30
142.32	50TH 56.03
141.64	45TH 55.76
140.94	40TH 55.49
140.23	35TH 55.21
139.49	30TH 54.92
138.68	25TH 54.60
137.79	20TH 54.25
136.76	15TH 53.84
135.47	10TH 53.33
133.58	5TH 52.59
132.38	3RD 52.12
131.51	2RD 51.77
130.15	1ST 51.24



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

..... SHOULDER (ACROMION) HEIGHT

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES*	F	CUMF	FPCT	CUMFCT
159.25-160.25	1	9414	0.01	100.00
158.25-159.25	2	9413	0.02	99.99
157.25-158.25	0	9411	0.00	99.97
156.25-157.25	0	9411	0.00	99.97
155.25-156.25	3	9411	0.03	99.97
154.25-155.25	5	9408	0.05	99.94
153.25-154.25	8	9403	0.08	99.88
152.25-153.25	12	9395	0.13	99.80
151.25-152.25	10	9383	0.11	99.67
150.25-151.25	34	9373	0.36	99.56
149.25-150.25	34	9339	0.36	99.20
148.25-149.25	57	9305	0.61	98.84
147.25-148.25	104	9248	1.10	98.24
146.25-147.25	137	9144	1.46	97.13
145.25-146.25	174	9007	1.85	95.68
144.25-145.25	222	8833	2.36	93.83
143.25-144.25	295	8611	3.13	91.47
142.25-143.25	396	8316	4.21	88.34
141.25-142.25	437	7920	4.64	84.13
140.25-141.25	487	7483	5.17	79.49
139.25-140.25	499	6996	5.30	74.31
138.25-139.25	629	6497	6.68	69.01
137.25-138.25	687	5868	7.30	62.33
136.25-137.25	669	5181	7.11	55.04
135.25-136.25	669	4512	7.11	47.93
134.25-135.25	726	3843	7.71	40.82
133.25-134.25	653	3117	6.94	33.11
132.25-133.25	557	2464	5.92	26.17
131.25-132.25	515	1907	5.47	20.26
130.25-131.25	385	1392	4.09	14.79
129.25-130.25	294	1007	3.12	10.70
128.25-129.25	203	713	2.16	7.57
127.25-128.25	183	510	1.94	5.42
126.25-127.25	114	327	1.21	3.47
125.25-126.25	64	213	0.68	2.26
124.25-125.25	69	149	0.73	1.58
123.25-124.25	32	80	0.34	0.85
122.25-123.25	22	48	0.23	0.51
121.25-122.25	8	26	0.08	0.28
120.25-121.25	13	18	0.14	0.19
119.25-120.25	3	5	0.03	0.05
118.25-119.25	1	2	0.01	0.02
117.25-118.25	1	1	0.01	0.01

*IN CENTIMETERS

CENTIMETERS	INCHES
136.72	MEAN VALUE 53.83
0.06	SE(MEAN) 0.02
5.40	SD DEVIATION 2.13
0.04	SE(SD DEV) 0.02

SYMMETRY---	VETA I = 0.13
KURTOSIS---	VETA II = 3.05
COEF. OF VARIATION	= 3.95

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS	INCHES
149.60	99TH 58.90
148.16	98TH 58.33
147.20	97TH 57.95
145.88	95TH 57.43
143.79	90TH 56.61
142.38	85TH 56.05
141.26	80TH 55.62
140.31	75TH 55.24
139.46	70TH 54.90
138.68	65TH 54.60
137.95	60TH 54.31
137.26	55TH 54.04
136.57	50TH 53.77
135.90	45TH 53.50
135.22	40TH 53.24
134.53	35TH 52.96
133.81	30TH 52.68
133.03	25TH 52.37
132.18	20TH 52.04
131.19	15TH 51.65
129.95	10TH 51.16
128.10	5TH 50.43
126.86	3RD 49.95
125.93	2RD 49.58
124.41	1ST 48.98



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 WAIST (TOP OF HIP BONE) HEIGHT

THE FREQUENCY TABLES

RANGES*	F.	CUMF	FPCT	CUMPCT
119.25-120.25	1	9414	0.01	100.00
118.25-119.25	0	9413	0.00	99.99
117.25-118.25	0	9413	0.00	99.99
116.25-117.25	2	9413	0.02	99.99
115.25-116.25	5	9411	0.05	99.97
114.25-115.25	6	9406	0.06	99.91
113.25-114.25	5	9400	0.05	99.85
112.25-113.25	20	9395	0.21	99.80
111.25-112.25	32	9375	0.34	99.59
110.25-111.25	61	9343	0.65	99.25
109.25-110.25	86	9282	0.91	98.60
108.25-109.25	119	9196	1.26	97.68
107.25-108.25	183	9077	1.94	96.42
106.25-107.25	307	8894	3.26	94.48
105.25-106.25	389	8587	4.13	91.22
104.25-105.25	462	8198	4.91	87.08
103.25-104.25	584	7736	6.20	82.18
102.25-103.25	714	7152	7.58	75.97
101.25-102.25	786	6438	8.35	68.39
100.25-101.25	810	5652	8.60	60.04
99.25-100.25	807	4842	8.57	51.43
98.25-99.25	823	4035	8.74	42.86
97.25-98.25	771	3212	8.19	34.12
96.25-97.25	690	2441	7.33	25.93
95.25-96.25	486	1751	5.16	18.60
94.25-95.25	434	1265	4.61	13.44
93.25-94.25	314	831	3.34	8.83
92.25-93.25	223	517	2.37	5.49
91.25-92.25	138	294	1.47	3.12
90.25-91.25	67	156	0.71	1.66
89.25-90.25	41	89	0.44	0.95
88.25-89.25	24	48	0.25	0.51
87.25-88.25	15	24	0.16	0.25
86.25-87.25	3	9	0.03	0.10
85.25-86.25	4	6	0.04	0.06
84.25-85.25	1	2	0.01	0.02
83.25-84.25	1	1	0.01	0.01

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
100.14	MEAN VALUE 39.43
0.05	SE (MEAN) 0.02
4.43	SD DEVIATION 1.74
0.03	SE (SD DEV) 0.01

SYMMETRY---VETA I = 0.12
 KURTOSIS---VETA II = 3.01
 COEF. OF VARIATION = 4.42

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES



CENTIMETERS	INCHES
110.85	99TH 43.64
109.56	98TH 43.13
108.74	97TH 42.81
107.63	95TH 42.37
105.93	90TH 41.70
104.79	85TH 41.26
103.89	80TH 40.90
103.13	75TH 40.60
102.44	70TH 40.33
101.81	65TH 40.08
101.22	60TH 39.85
100.65	55TH 39.62
100.08	50TH 39.40
99.52	45TH 39.18
98.96	40TH 38.96
98.38	35TH 38.73
97.77	30TH 38.49
97.12	25TH 38.24
96.40	20TH 37.95
95.57	15TH 37.63
94.54	10TH 37.22
93.05	5TH 36.63
92.11	3RD 36.26
91.43	2RD 36.00
90.39	1ST 35.59

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

CROTCH HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMFCT
94.25- 95.25	1	9414	0.01	100.00
93.25- 94.25	0	9413	0.00	99.99
92.25- 93.25	0	9413	0.00	99.99
91.25- 92.25	2	9413	0.02	99.99
90.25- 91.25	3	9411	0.03	99.97
89.25- 90.25	8	9408	0.08	99.94
88.25- 89.25	21	9400	0.22	99.85
87.25- 88.25	39	9379	0.41	99.63
86.25- 87.25	43	9340	0.46	99.21
85.25- 86.25	107	9297	1.14	98.76
84.25- 85.25	130	9190	1.38	97.62
83.25- 84.25	233	9060	2.48	96.24
82.25- 83.25	346	8827	3.68	93.76
81.25- 82.25	432	8481	4.59	90.09
80.25- 81.25	547	8049	5.81	85.50
79.25- 80.25	672	7502	7.14	79.69
78.25- 79.25	735	6830	7.81	72.55
77.25- 78.25	878	6095	9.33	64.74
76.25- 77.25	873	5217	9.27	55.42
75.25- 76.25	901	4344	9.57	46.14
74.25- 75.25	856	3443	9.09	36.57
73.25- 74.25	698	2587	7.41	27.48
72.25- 73.25	569	1889	6.04	20.07
71.25- 72.25	459	1320	4.88	14.02
70.25- 71.25	301	861	3.20	9.15
69.25- 70.25	198	560	2.10	5.95
68.25- 69.25	147	362	1.56	3.85
67.25- 68.25	120	215	1.27	2.28
66.25- 67.25	43	95	0.46	1.01
65.25- 66.25	23	52	0.24	0.55
64.25- 65.25	14	29	0.15	0.31
63.25- 64.25	8	15	0.08	0.16
62.25- 63.25	3	7	0.03	0.07
61.25- 62.25	3	4	0.03	0.04
60.25- 61.25	0	1	0.00	0.01
59.25- 60.25	0	1	0.00	0.01
58.25- 59.25	1	1	0.01	0.01

*IN CENTIMETERS

CENTIMETERS INCHES

76.76	MEAN VALUE	30.22
0.04	SE(MEAN)	0.02
4.22	SD DEVIATION	1.66
0.03	SE(SD DEV)	0.01

SYMMETRY---	VETA I =	0.05
KURTOSIS---	VETA II =	3.03
COEF. OF VARIATION	=	5.49

NUMBER OF SUBJECTS = 9414.



THE PERCENTILES

CENTIMETERS INCHES

86.80	99TH	34.17
85.57	98TH	33.69
84.80	97TH	33.39
83.76	95TH	32.98
82.18	90TH	32.35
81.12	85TH	31.94
80.29	80TH	31.61
79.57	75TH	31.33
78.93	70TH	31.08
78.34	65TH	30.84
77.78	60TH	30.62
77.24	55TH	30.41
76.71	50TH	30.20
76.18	45TH	29.99
75.64	40TH	29.78
75.08	35TH	29.56
74.50	30TH	29.33
73.86	25TH	29.08
73.16	20TH	28.80
72.35	15TH	28.48
71.32	10TH	28.08
69.82	5TH	27.49
68.86	3RD	27.11
68.16	2RD	26.84
67.08	1ST	26.41

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....
KNEE HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
59.25- 59.75	1	9414	0.01	100.00
58.75- 59.25	0	9413	0.00	99.99
58.25- 58.75	3	9413	0.03	99.99
57.75- 58.25	9	9410	0.10	99.96
57.25- 57.75	10	9401	0.11	99.86
56.75- 57.25	13	9391	0.14	99.76
56.25- 56.75	25	9378	0.27	99.62
55.75- 56.25	36	9353	0.38	99.35
55.25- 55.75	75	9317	0.80	98.97
54.75- 55.25	89	9242	0.95	98.17
54.25- 54.75	138	9153	1.47	97.23
53.75- 54.25	137	9015	1.46	95.76
53.25- 53.75	325	8878	3.45	94.31
52.75- 53.25	315	8553	3.35	90.85
52.25- 52.75	533	8238	5.66	87.51
51.75- 52.25	473	7705	5.02	81.85
51.25- 51.75	752	7232	7.99	76.82
50.75- 51.25	587	6480	6.24	68.83
50.25- 50.75	857	5893	9.10	62.60
49.75- 50.25	579	5036	6.15	53.49
49.25- 49.75	918	4457	9.75	47.34
48.75- 49.25	603	3539	6.41	37.59
48.25- 48.75	797	2936	8.47	31.19
47.75- 48.25	471	2139	5.00	22.72
47.25- 47.75	580	1668	6.16	17.72
46.75- 47.25	289	1088	3.07	11.56
46.25- 46.75	280	799	2.97	8.49
45.75- 46.25	164	519	1.74	5.51
45.25- 45.75	158	355	1.68	3.77
44.75- 45.25	101	197	1.07	2.09
44.25- 44.75	43	96	0.46	1.02
43.75- 44.25	25	53	0.27	0.56
43.25- 43.75	13	28	0.14	0.30
42.75- 43.25	6	15	0.06	0.16
42.25- 42.75	3	9	0.03	0.10
41.75- 42.25	6	6	0.06	0.06

*IN CENTIMETERS

TOTAL SERIES

THE SUMMARY STATISTICS

CENTIMETERS INCHES

50.01 MEAN VALUE 19.69
0.02 SE (MEAN) 0.01
2.41 SD DEVIATION 0.95
0.02 SE (SD DEV) 0.01

SYMMETRY---VETA I = 0.11
KURTOSIS---VETA II = 2.99
COEF. OF VARIATION = 4.81

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

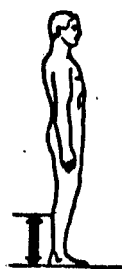
CENTIMETERS INCHES

55.82	99TH	21.98
55.10	98TH	21.69
54.65	97TH	21.52
54.05	95TH	21.28
53.14	90TH	20.92
52.53	85TH	20.68
52.05	80TH	20.49
51.64	75TH	20.33
51.27	70TH	20.19
50.93	65TH	20.05
50.61	60TH	19.93
50.30	55TH	19.80
49.99	50TH	19.68
49.69	45TH	19.56
49.38	40TH	19.44
49.06	35TH	19.31
48.72	30TH	19.18
48.36	25TH	19.04
47.96	20TH	18.88
47.50	15TH	18.70
46.93	10TH	18.48
46.10	5TH	18.15
45.59	3RD	17.95
45.23	2RD	17.81
44.69	1ST	17.59

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
CALF HEIGHT

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMFCT
42.25- 42.75	6	9414	0.06	100.00
41.75- 42.25	3	9408	0.03	99.94
41.25- 41.75	4	9405	0.04	99.90
40.75- 41.25	12	9401	0.13	99.86
40.25- 40.75	15	9389	0.16	99.73
39.75- 40.25	14	9374	0.15	99.58
39.25- 39.75	58	9360	0.62	99.43
38.75- 39.25	47	9302	0.50	98.81
38.25- 38.75	122	9255	1.30	98.31
37.75- 38.25	144	9133	1.53	97.02
37.25- 37.75	296	8989	3.14	95.49
36.75- 37.25	252	8693	2.68	92.34
36.25- 36.75	530	8441	5.63	89.66
35.75- 36.25	534	7911	5.67	84.03
35.25- 35.75	720	7377	7.65	78.36
34.75- 35.25	641	6657	6.81	70.71
34.25- 34.75	962	6016	10.22	63.90
33.75- 34.25	775	5054	8.23	53.69
33.25- 33.75	884	4279	9.39	45.45
32.75- 33.25	697	3395	7.40	36.06
32.25- 32.75	810	2698	8.60	28.66
31.75- 32.25	478	1888	5.08	20.06
31.25- 31.75	504	1410	5.35	14.98
30.75- 31.25	309	906	3.28	9.62
30.25- 30.75	261	597	2.77	6.34
29.75- 30.25	119	336	1.26	3.57
29.25- 29.75	106	217	1.13	2.31
28.75- 29.25	50	111	0.53	1.18
28.25- 28.75	31	61	0.33	0.65
27.75- 28.25	13	30	0.14	0.32
27.25- 27.75	10	17	0.11	0.18
26.75- 27.25	2	7	0.02	0.07
26.25- 26.75	2	5	0.02	0.05
25.75- 26.25	2	3	0.02	0.03
25.25- 25.75	0	1	0.00	0.01
24.75- 25.25	1	1	0.01	0.01



CENTIMETERS	INCHES
34.04 MEAN VALUE	13.40
0.02 SE(MEAN)	0.01
2.19 SD DEVIATION	0.86
0.02 SE(SD DEV)	0.01

SYMMETRY---VETA I = 0.10
KURTOSIS---VETA II = 3.15
COEF. OF VARIATION = 6.44

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS	INCHES
39.36	99TH 15.50
38.68	98TH 15.23
38.25	97TH 15.06
37.69	95TH 14.84
36.85	90TH 14.51
36.30	85TH 14.29
35.86	80TH 14.12
35.49	75TH 13.97
35.16	70TH 13.84
34.86	65TH 13.72
34.57	60TH 13.61
34.29	55TH 13.50
34.02	50TH 13.39
33.75	45TH 13.29
33.47	40TH 13.18
33.19	35TH 13.07
32.89	30TH 12.95
32.56	25TH 12.82
32.20	20TH 12.68
31.78	15TH 12.51
31.26	10TH 12.31
30.49	5TH 12.00
30.00	3RD 11.81
29.64	2RD 11.67
29.09	1ST 11.45

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 FUNCTIONAL ARM REACH-FORWARD

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
93.25- 94.25	2	9414	0.02	100.00
92.25- 93.25	4	9412	0.04	99.98
91.25- 92.25	1	9408	0.01	99.94
90.25- 91.25	2	9407	0.02	99.93
89.25- 90.25	12	9405	0.13	99.90
88.25- 89.25	28	9393	0.30	99.78
87.25- 88.25	27	9365	0.29	99.48
86.25- 87.25	51	9338	0.54	99.19
85.25- 86.25	89	9287	0.95	98.65
84.25- 85.25	136	9198	1.44	97.71
83.25- 84.25	243	9062	2.58	96.26
82.25- 83.25	346	8819	3.68	93.68
81.25- 82.25	428	8473	4.55	90.00
80.25- 81.25	550	8045	5.84	85.46
79.25- 80.25	624	7495	6.63	79.62
78.25- 79.25	772	6871	8.20	72.99
77.25- 78.25	883	6099	9.38	64.79
76.25- 77.25	903	5216	9.59	55.41
75.25- 76.25	848	4313	9.01	45.81
74.25- 75.25	861	3465	9.15	36.81
73.25- 74.25	735	2604	7.81	27.66
72.25- 73.25	631	1869	6.70	19.85
71.25- 72.25	452	1238	4.80	13.15
70.25- 71.25	352	786	3.74	8.35
69.25- 70.25	171	434	1.82	4.61
68.25- 69.25	126	263	1.34	2.79
67.25- 68.25	66	137	0.70	1.46
66.25- 67.25	33	71	0.35	0.75
65.25- 66.25	11	38	0.12	0.40
64.25- 65.25	13	27	0.14	0.29
63.25- 64.25	9	14	0.10	0.15
62.25- 63.25	3	5	0.03	0.05
61.25- 62.25	2	2	0.02	0.02

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS INCHES

76.79 MEAN VALUE 30.23
 0.04 SE (MEAN) 0.02
 4.14 SD DEVIATION 1.63
 0.03 SE (SD DEV) 0.01

SYMMETRY---VETA I = 0.15
 KURTOSIS---VETA II = 3.09
 COEF. OF VARIATION = 5.39

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS INCHES

86.80	99TH	34.17
85.62	98TH	33.71
84.86	97TH	33.41
83.82	95TH	33.00
82.20	90TH	32.36
81.11	85TH	31.93
80.26	80TH	31.60
79.53	75TH	31.31
78.88	70TH	31.06
78.29	65TH	30.82
77.73	60TH	30.60
77.19	55TH	30.39
76.67	50TH	30.18
76.15	45TH	29.98
75.63	40TH	29.78
75.10	35TH	29.57
74.54	30TH	29.35
73.95	25TH	29.11
73.29	20TH	28.86
72.54	15TH	28.56
71.60	10TH	28.19
70.23	5TH	27.65
69.34	3RD	27.30
68.68	2ND	27.04
67.64	1ST	26.63

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

..... COAT LENGTH

THE FREQUENCY TABLES

RANGES* F CUMF FPCT CUMFCT

80.25- 80.75	1	9414	0.01	100.00
79.75- 80.25	2	9412	0.02	99.99
79.25- 79.75	0	9411	0.00	99.97
78.75- 79.25	4	9411	0.04	99.97
78.25- 78.75	8	9407	0.08	99.93
77.75- 78.25	8	9399	0.08	99.84
77.25- 77.75	7	9391	0.07	99.76
76.75- 77.25	17	9384	0.18	99.68
76.25- 76.75	39	9367	0.41	99.50
75.75- 76.25	45	9328	0.48	99.09
75.25- 75.75	66	9283	0.70	98.61
74.75- 75.25	66	9217	0.70	97.91
74.25- 74.75	94	9151	1.00	97.21
73.75- 74.25	144	9057	1.53	96.21
73.25- 73.75	173	8913	1.84	94.68
72.75- 73.25	217	8740	2.31	92.84
72.25- 72.75	290	8523	3.08	90.54
71.75- 72.25	312	8233	3.31	87.45
71.25- 71.75	378	7921	4.02	84.14
70.75- 71.25	440	7543	4.67	80.13
70.25- 70.75	537	7103	5.70	75.45
69.75- 70.25	463	6566	4.92	69.75
69.25- 69.75	618	6103	6.56	64.83
68.75- 69.25	563	5485	5.98	58.26
68.25- 68.75	610	4922	6.48	52.28
67.75- 68.25	589	4312	6.26	45.80
67.25- 67.75	578	3723	6.14	39.55
66.75- 67.25	517	3145	5.49	33.41
66.25- 66.75	487	2628	5.17	27.92
65.75- 66.25	393	2141	4.17	22.74
65.25- 65.75	401	1748	4.26	18.57
64.75- 65.25	298	1347	3.17	14.31
64.25- 64.75	289	1049	3.07	11.14
63.75- 64.25	186	760	1.98	8.07
63.25- 63.75	152	574	1.61	6.10
62.75- 63.25	127	422	1.35	4.48
62.25- 62.75	97	295	1.03	3.13
61.75- 62.25	55	198	0.58	2.10
61.25- 61.75	42	143	0.45	1.52
60.75- 61.25	33	101	0.33	1.07
60.25- 60.75	27	68	0.29	0.72
59.75- 60.25	17	41	0.18	0.44
59.25- 59.75	11	24	0.12	0.25
58.75- 59.25	8	13	0.08	0.14
58.25- 58.75	1	5	0.01	0.05
57.75- 58.25	2	4	0.02	0.04
57.25- 57.75	1	2	0.01	0.02
56.75- 57.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS INCHES

68.60 MEAN VALUE 27.01
0.03 SE(MEAN) 0.01
3.17 SD DEVIATION 1.25
0.02 SE(SD DEV) 0.01

SYMMETRY---VETA I = 0.04
KURTOSIS---VETA II = 3.03
COEF. OF VARIATION = 4.62

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS INCHES

76.18	99TH	29.99
75.25	98TH	29.63
74.67	97TH	29.40
73.88	95TH	29.09
72.68	90TH	28.61
71.88	85TH	28.30
71.25	80TH	28.05
70.71	75TH	27.84
70.23	70TH	27.65
69.79	65TH	27.48
69.37	60TH	27.31
68.97	55TH	27.15
68.57	50TH	27.00
68.18	45TH	26.84
67.78	40TH	26.69
67.37	35TH	26.52
66.94	30TH	26.35
66.47	25TH	26.17
65.95	20TH	25.96
65.35	15TH	25.73
64.58	10TH	25.42
63.42	5TH	24.97
62.66	3RD	24.67
62.10	2RD	24.45
61.19	1ST	24.09



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HIP BREADTH-STANDING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMFCT
41.75- 42.25	1	9414	0.01	100.00
41.25- 41.75	0	9412	0.00	99.99
40.75- 41.25	0	9413	0.00	99.99
40.25- 40.75	0	9413	0.00	99.99
39.75- 40.25	0	9413	0.00	99.99
39.25- 39.75	0	9413	0.00	99.99
38.75- 39.25	1	9413	0.01	99.99
38.25- 38.75	0	9412	0.00	99.98
37.75- 38.25	3	9412	0.03	99.98
37.25- 37.75	6	9409	0.06	99.95
36.75- 37.25	17	9403	0.18	99.88
36.25- 36.75	41	9386	0.44	99.70
35.75- 36.25	72	9345	0.76	99.27
35.25- 35.75	146	9273	1.55	98.50
34.75- 35.25	226	9127	2.40	96.95
34.25- 34.75	368	8901	3.91	94.55
33.75- 34.25	524	8533	5.57	90.64
33.25- 33.75	821	8009	8.83	85.08
32.75- 33.25	956	7178	10.16	76.25
32.25- 32.75	1235	6222	13.12	66.09
31.75- 32.25	1129	4987	11.99	52.97
31.25- 31.75	1223	3858	12.99	40.98
30.75- 31.25	944	2635	10.03	27.99
30.25- 30.75	744	1691	7.90	17.96
29.75- 30.25	429	947	4.56	10.06
29.25- 29.75	295	518	3.13	5.50
28.75- 29.25	120	223	1.27	2.37
28.25- 28.75	65	103	0.69	1.09
27.75- 28.25	21	38	0.22	0.40
27.25- 27.75	10	17	0.11	0.18
26.75- 27.25	4	7	0.04	0.07
26.25- 26.75	3	3	0.03	0.03



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
32.17	MEAN VALUE	12.67
0.02	SE(MEAN)	0.01
1.56	SD DEVIATION	0.61
0.01	SE(SD DEV)	0.00

SYMMETRY---VETA I = 0.20
KURTOSIS---VETA II = 3.28
COEF. OF VARIATION = 4.85

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS	INCHES
36.08	99TH 14.21
35.58	98TH 14.01
35.26	97TH 13.88
34.84	95TH 13.72
34.20	90TH 13.46
33.78	85TH 13.30
33.46	80TH 13.17
33.18	75TH 13.06
32.94	70TH 12.97
32.72	65TH 12.88
32.51	60TH 12.80
32.31	55TH 12.72
32.11	50TH 12.64
31.92	45TH 12.57
31.73	40TH 12.49
31.53	35TH 12.41
31.32	30TH 12.33
31.10	25TH 12.24
30.86	20TH 12.15
30.57	15TH 12.04
30.22	10TH 11.90
29.69	5TH 11.69
29.35	3RD 11.55
29.09	2RD 11.45
28.69	1ST 11.29

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

CHEST BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
39.75- 40.25	1	9414	0.01	100.00
39.25- 39.75	1	9413	0.01	99.99
38.75- 39.25	0	9412	0.00	99.98
38.25- 38.75	3	9412	0.03	99.98
37.75- 38.25	1	9409	0.01	99.95
37.25- 37.75	1	9408	0.01	99.94
36.75- 37.25	4	9407	0.04	99.93
36.25- 36.75	4	9403	0.04	99.88
35.75- 36.25	12	9399	0.13	99.84
35.25- 35.75	22	9387	0.23	99.71
34.75- 35.25	13	9365	0.14	99.48
34.25- 34.75	43	9352	0.46	99.34
33.75- 34.25	47	9309	0.50	98.88
33.25- 33.75	70	9262	0.74	98.39
32.75- 33.25	130	9192	1.38	97.64
32.25- 32.75	187	9062	1.99	96.26
31.75- 32.25	257	8975	2.73	94.27
31.25- 31.75	450	8618	4.78	91.54
30.75- 31.25	616	8168	6.54	86.76
30.25- 30.75	862	7552	9.16	80.22
29.75- 30.25	895	6690	9.51	71.06
29.25- 29.75	1169	5795	12.42	61.56
28.75- 29.25	1035	4626	11.21	49.14
28.25- 28.75	1140	3571	12.11	37.93
27.75- 28.25	823	2431	8.74	25.82
27.25- 27.75	680	1608	7.22	17.08
26.75- 27.25	394	928	4.19	9.86
26.25- 26.75	265	534	2.81	5.67
25.75- 26.25	144	269	1.53	2.86
25.25- 25.75	69	125	0.73	1.33
24.75- 25.25	31	56	0.33	0.59
24.25- 24.75	13	25	0.14	0.27
23.75- 24.25	8	12	0.08	0.13
23.25- 23.75	2	4	0.02	0.04
22.75- 23.25	0	2	0.00	0.02
22.25- 22.75	2	2	0.02	0.02

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
29.37	MEAN VALUE 11.56
0.02	SE(MEAN) 0.01
1.78	SD DEVIATION 0.70
0.01	SE(SD DEV) 0.01

SYMMETRY---	VETA I = 0.48
KURTOSIS---	VETA II = 4.16
COEF. OF VARIATION	= 6.05

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS	INCHES
34.35	99TH 13.52
33.52	98TH 13.20
33.04	97TH 13.01
32.44	95TH 12.77
31.61	90TH 12.44
31.11	85TH 12.25
30.73	80TH 12.10
30.43	75TH 11.98
30.16	70TH 11.87
29.92	65TH 11.78
29.70	60TH 11.69
29.49	55TH 11.61
29.28	50TH 11.53
29.07	45TH 11.45
28.87	40TH 11.37
28.66	35TH 11.28
28.44	30TH 11.20
28.20	25TH 11.10
27.93	20TH 11.00
27.62	15TH 10.87
27.22	10TH 10.72
26.63	5TH 10.49
26.25	3RD 10.34
25.97	2RD 10.23
25.54	1ST 10.05



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

..... CHEST DEPTH

THE FREQUENCY TABLES

RANGES	F	CUM-F	PERCT CUM-PCT
31.05- 31.35	1	9414	0.01 100.00
30.75- 31.05	1	9413	0.01 99.99
30.45- 30.75	1	9412	0.01 99.98
30.15- 30.45	0	9411	0.00 99.97
29.85- 30.15	0	9411	0.00 99.97
29.55- 29.85	0	9411	0.00 99.97
29.25- 29.55	2	9411	0.02 99.97
28.95- 29.25	3	9409	0.03 99.95
28.65- 28.95	3	9406	0.03 99.91
28.35- 28.65	5	9403	0.05 99.88
28.05- 28.35	4	9398	0.04 99.83
27.75- 28.05	4	9394	0.04 99.79
27.45- 27.75	12	9390	0.13 99.75
27.15- 27.45	9	9378	0.10 99.62
26.85- 27.15	17	9369	0.18 99.52
26.55- 26.85	25	9352	0.27 99.34
26.25- 26.55	45	9327	0.48 99.08
25.95- 26.25	57	9282	0.61 98.60
25.65- 25.95	27	9225	0.29 97.99
25.35- 25.65	98	9198	1.04 97.71
25.05- 25.35	61	9100	0.65 96.66
24.75- 25.05	110	9039	1.17 96.02
24.45- 24.75	179	8929	1.90 94.85
24.15- 24.45	195	8750	2.07 92.95
23.85- 24.15	294	8555	3.12 90.88
23.55- 23.85	289	8261	3.07 87.75
23.25- 23.55	521	7972	5.53 84.68
22.95- 23.25	707	7451	7.51 79.15
22.65- 22.95	386	6744	4.10 71.64
22.35- 22.65	820	6358	8.71 67.54
22.05- 22.35	666	5538	7.07 58.83
21.75- 22.05	883	4872	9.38 51.75
21.45- 21.75	791	3989	8.40 42.37
21.15- 21.45	697	3198	7.40 33.97
20.85- 21.15	631	2501	6.70 26.57
20.55- 20.85	413	1870	4.39 19.86
20.25- 20.55	541	1457	5.75 15.48
19.95- 20.25	358	916	3.80 9.73
19.65- 19.95	144	558	1.53 5.93
19.35- 19.65	210	414	2.23 4.40
19.05- 19.35	88	204	0.93 2.17
18.75- 19.05	59	116	0.63 1.23
18.45- 18.75	24	57	0.25 0.61
18.15- 18.45	13	33	0.14 0.35
17.85- 18.15	11	20	0.12 0.21
17.55- 17.85	2	9	0.02 0.10
17.25- 17.55	3	7	0.03 0.07
16.95- 17.25	2	4	0.02 0.04
16.65- 16.95	1	2	0.01 0.02
16.35- 16.65	1	1	0.01 0.01

IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS INCHES

22.12 MEAN VALUE 8.71
0.02 SE (MEAN) 0.01
1.55 SD DEVIATION 0.61
0.01 SE (SD DEV) 0.00

SYMMETRY---VETA I = 0.57
KURTOSIS---VETA II = 4.12
COEF. OF VARIATION = 7.02

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS INCHES

26.58	99TH	10.47
25.83	98TH	10.17
25.39	97TH	10.00
24.85	95TH	9.78
24.10	90TH	9.49
23.65	85TH	9.31
23.31	80TH	9.18
23.03	75TH	9.07
22.79	70TH	8.97
22.58	65TH	8.89
22.38	60TH	8.81
22.19	55TH	8.74
22.01	50TH	8.67
21.83	45TH	8.59
21.65	40TH	8.52
21.47	35TH	8.45
21.28	30TH	8.38
21.07	25TH	8.30
20.84	20TH	8.21
20.58	15TH	8.10
20.25	10TH	7.97
19.78	5TH	7.79
19.48	3RD	7.67
19.27	2RD	7.58
18.94	1ST	7.48



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
HAND LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
22.15- 22.35	1	9414	0.01	100.00
21.95- 22.15	2	9413	0.02	99.99
21.75- 21.95	0	9411	0.00	99.97
21.55- 21.75	6	9411	0.06	99.97
21.35- 21.55	13	9405	0.14	99.90
21.15- 21.35	7	9392	0.07	99.77
20.95- 21.15	21	9385	0.22	99.69
20.75- 20.95	55	9364	0.58	99.47
20.55- 20.75	59	9309	0.63	98.88
20.35- 20.55	86	9250	0.91	98.26
20.15- 20.35	180	9164	1.91	97.34
19.95- 20.15	295	8984	3.13	95.43
19.75- 19.95	327	8689	3.47	92.30
19.55- 19.75	422	8362	4.48	88.83
19.35- 19.55	459	7940	4.88	84.34
19.15- 19.35	837	7481	8.89	79.47
18.95- 19.15	718	6644	7.63	70.58
18.75- 18.95	891	5926	9.46	62.95
18.55- 18.75	749	5035	7.96	53.48
18.35- 18.55	856	4286	9.09	45.53
18.15- 18.35	882	3430	9.37	36.44
17.95- 18.15	713	2548	7.57	27.07
17.75- 17.95	580	1835	6.16	19.49
17.55- 17.75	401	1255	4.26	13.33
17.35- 17.55	302	854	3.21	9.07
17.15- 17.35	239	552	2.54	5.86
16.95- 17.15	147	313	1.56	3.32
16.75- 16.95	80	166	0.85	1.76
16.55- 16.75	45	86	0.48	0.91
16.35- 16.55	16	41	0.17	0.44
16.15- 16.35	16	25	0.17	0.27
15.95- 16.15	4	9	0.04	0.10
15.75- 15.95	2	5	0.02	0.05
15.55- 15.75	2	3	0.02	0.03
15.35- 15.55	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
18.68	MEAN VALUE 7.35
0.01	SE (MEAN) 0.00
0.86	SD DEVIATION 0.34
0.01	SE (SD DEV) 0.00

SYMMETRY---	VETA I = 0.13
KURTOSIS---	VETA II = 3.06
COEF. OF VARIATION	= 4.60

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS	INCHES
20.77	99TH 8.16
20.51	98TH 8.07
20.34	97TH 8.01
20.12	95TH 7.92
19.79	90TH 7.79
19.57	85TH 7.70
19.40	80TH 7.64
19.25	75TH 7.56
19.12	70TH 7.53
19.00	65TH 7.48
18.88	60TH 7.43
18.77	55TH 7.39
18.66	50TH 7.35
18.56	45TH 7.31
18.45	40TH 7.26
18.34	35TH 7.22
18.22	30TH 7.17
18.09	25TH 7.12
17.95	20TH 7.07
17.79	15TH 7.00
17.59	10TH 6.92
17.29	5TH 6.81
17.11	3RD 6.74
16.98	2RD 6.68
16.77	1ST 6.60



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....
PALM LENGTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES*	F	CUMF	FPCT	CUM-PT
12.55- 12.65	1	9414	0.01	100.00
12.45- 12.55	1	9413	0.01	99.99
12.35- 12.45	1	9412	0.01	99.98
12.25- 12.35	4	9411	0.04	99.97
12.15- 12.25	4	9407	0.04	99.93
12.05- 12.15	7	9403	0.07	99.88
11.95- 12.05	22	9396	0.23	99.81
11.85- 11.95	21	9374	0.22	99.58
11.75- 11.85	32	9353	0.34	99.35
11.65- 11.75	51	9321	0.54	99.01
11.55- 11.65	68	9270	0.72	98.47
11.45- 11.55	84	9202	0.89	97.75
11.35- 11.45	160	9118	1.70	96.86
11.25- 11.35	160	8958	1.70	95.16
11.15- 11.25	235	8798	2.50	93.46
11.05- 11.15	281	8563	2.98	90.96
10.95- 11.05	512	8282	5.44	87.98
10.85- 10.95	539	7770	5.73	82.54
10.75- 10.85	429	7231	4.56	76.81
10.65- 10.75	561	6802	5.96	72.25
10.55- 10.65	667	6241	7.09	66.29
10.45- 10.55	607	5574	6.45	59.21
10.35- 10.45	875	4967	9.29	52.76
10.25- 10.35	773	4092	8.21	43.47
10.15- 10.25	644	3319	6.84	35.26
10.05- 10.15	520	2675	5.52	28.42
9.95- 10.05	779	2155	8.27	22.89
9.85- 9.95	332	1376	3.53	14.62
9.75- 9.85	256	1044	2.72	11.09
9.65- 9.75	221	788	2.35	8.37
9.55- 9.65	192	567	2.04	6.02
9.45- 9.55	146	375	1.55	3.98
9.35- 9.45	80	229	0.85	2.43
9.25- 9.35	50	149	0.53	1.58
9.15- 9.25	40	99	0.42	1.05
9.05- 9.15	27	59	0.29	0.63
8.95- 9.05	15	32	0.16	0.34
8.85- 8.95	8	17	0.08	0.18
8.75- 8.85	4	9	0.04	0.10
8.65- 8.75	2	5	0.02	0.05
8.55- 8.65	0	3	0.00	0.03
8.45- 8.55	2	3	0.02	0.03
8.35- 8.45	1	1	0.01	0.01

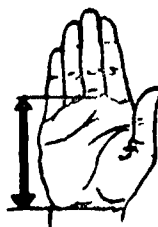
CENTIMETERS	INCHES
10.45	MEAN VALUE 4.11
0.01	SE (MEAN) 0.00
0.52	SD DEVIATION 0.21
0.00	SE (SD DEV) 0.00

SYMMETRY---VETA I = 0.14
KURTOSIS---VETA II = 3.19
COEF. OF VARIATION = 5.01

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS	INCHES
11.74	99TH 4.62
11.58	98TH 4.56
11.48	97TH 4.52
11.39	95TH 4.47
11.13	90TH 4.38
10.99	85TH 4.33
10.88	80TH 4.28
10.79	75TH 4.25
10.71	70TH 4.22
10.64	65TH 4.19
10.57	60TH 4.16
10.50	55TH 4.13
10.44	50TH 4.11
10.37	45TH 4.08
10.31	40TH 4.06
10.24	35TH 4.03
10.17	30TH 4.01
10.10	25TH 3.98
10.02	20TH 3.94
9.92	15TH 3.91
9.80	10TH 3.86
9.62	5TH 3.79
9.49	3RD 3.74
9.40	2RD 3.70
9.24	1ST 3.64



*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....
HAND BREADTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES*	F	CUMF	FPCT	CUMFCT
10.85- 10.95	1	9414	0.01	100.00
10.75- 10.85	0	9413	0.00	99.99
10.65- 10.75	0	9413	0.00	99.99
10.55- 10.65	0	9413	0.00	99.99
10.45- 10.55	0	9413	0.00	99.99
10.35- 10.45	0	9413	0.00	99.99
10.25- 10.35	2	9413	0.02	99.99
10.15- 10.25	2	9411	0.02	99.97
10.05- 10.15	3	9409	0.03	99.95
9.95- 10.05	13	9406	0.14	99.91
9.85- 9.95	27	9393	0.29	99.78
9.75- 9.85	37	9366	0.39	99.49
9.65- 9.75	61	9329	0.65	99.10
9.55- 9.65	90	9268	0.96	98.45
9.45- 9.55	158	9178	1.68	97.49
9.35- 9.45	259	9020	2.75	95.81
9.25- 9.35	334	8761	3.55	93.06
9.15- 9.25	438	8427	4.65	89.52
9.05- 9.15	555	7989	5.90	84.86
8.95- 9.05	1030	7434	10.94	78.97
8.85- 8.95	838	6404	8.90	68.03
8.75- 8.85	624	5566	6.63	59.12
8.65- 8.75	861	4942	9.15	52.50
8.55- 8.65	840	4081	8.92	43.35
8.45- 8.55	861	3241	9.15	34.43
8.35- 8.45	690	2380	7.33	25.28
8.25- 8.35	562	1690	5.97	17.95
8.15- 8.25	402	1128	4.27	11.98
8.05- 8.15	255	726	2.71	7.71
7.95- 8.05	206	471	2.19	5.00
7.85- 7.95	125	265	1.33	2.81
7.75- 7.85	65	140	0.69	1.49
7.65- 7.75	44	75	0.47	0.80
7.55- 7.65	14	31	0.15	0.33
7.45- 7.55	7	17	0.07	0.18
7.35- 7.45	5	10	0.05	0.11
7.25- 7.35	2	5	0.02	0.05
7.15- 7.25	1	3	0.01	0.03
7.05- 7.15	1	2	0.01	0.02
6.95- 7.05	0	1	0.00	0.01
6.85- 6.95	1	1	0.01	0.01

CENTIMETERS

INCHES

8.73 MEAN VALUE 3.44
0.00 SE(MEAN) 0.00
0.42 SD DEVIATION 0.16
0.00 SE(SD DEV) 0.00

SYMMETRY---VETA I = 0.05
KURTOSIS---VETA II = 3.07
COEF. OF VARIATION = 4.78

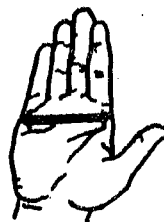
NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS

INCHES

9.73 99TH 3.83
9.60 98TH 3.78
9.53 97TH 3.75
9.42 95TH 3.71
9.27 90TH 3.65
9.16 85TH 3.61
9.08 80TH 3.58
9.01 75TH 3.55
8.95 70TH 3.52
8.89 65TH 3.50
8.84 60TH 3.48
8.78 55TH 3.46
8.73 50TH 3.44
8.68 45TH 3.42
8.63 40TH 3.40
8.57 35TH 3.37
8.51 30TH 3.35
8.45 25TH 3.33
8.38 20TH 3.30
8.30 15TH 3.27
8.20 10TH 3.23
8.05 5TH 3.17
7.95 3RD 3.13
7.89 2RD 3.10
7.79 1ST 3.07



*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

ARM REACH-UPWARD

THE FREQUENCY TABLES

RANGES*	F	CUM F	FPCT	CUM PCT
155.25-156.25	1	9414	0.01	100.00
154.25-155.25	0	9413	0.00	99.99
153.25-154.25	2	9413	0.02	99.99
152.25-153.25	4	9411	0.04	99.97
151.25-152.25	5	9407	0.05	99.93
150.25-151.25	15	9402	0.16	99.87
149.25-150.25	20	9387	0.21	99.71
148.25-149.25	27	9367	0.29	99.50
147.25-148.25	61	9340	0.65	99.21
146.25-147.25	63	9279	0.67	98.57
145.25-146.25	97	9216	1.03	97.90
144.25-145.25	174	9119	1.85	96.87
143.25-144.25	201	8945	2.14	95.02
142.25-143.25	309	8744	3.28	92.88
141.25-142.25	409	8435	4.34	89.60
140.25-141.25	471	8026	5.00	85.26
139.25-140.25	518	7555	5.50	80.25
138.25-139.25	629	7037	6.68	74.75
137.25-138.25	720	6408	7.65	68.07
136.25-137.25	743	5688	7.89	60.42
135.25-136.25	790	4945	8.39	52.53
134.25-135.25	772	4155	8.20	44.14
133.25-134.25	647	3383	6.87	35.94
132.25-133.25	683	2736	7.26	29.06
131.25-132.25	517	2053	5.49	21.81
130.25-131.25	407	1536	4.32	16.32
129.25-130.25	336	1129	3.57	11.99
128.25-129.25	257	793	2.73	8.42
127.25-128.25	195	536	2.07	5.69
126.25-127.25	122	341	1.30	3.62
125.25-126.25	87	219	0.92	2.33
124.25-125.25	54	132	0.57	1.40
123.25-124.25	44	78	0.47	0.83
122.25-123.25	13	34	0.14	0.36
121.25-122.25	10	21	0.11	0.22
120.25-121.25	6	11	0.06	0.12
119.25-120.25	3	5	0.03	0.05
118.25-119.25	1	2	0.01	0.02
117.25-118.25	1	1	0.01	0.01

*IN CENTIMETERS

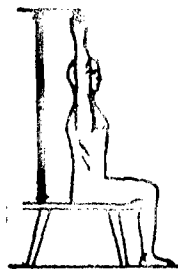
THE SUMMARY STATISTICS

CENTIMETERS		INCHES
136.02	MEAN VALUE	53.55
0.05	SE (MEAN)	0.02
4.94	SD DEVIATION	1.94
0.04	SE (SD DEV)	0.01

SYMMETRY---MEAN I = 0.06
KURTOSIS---MEAN II = 3.05
COEF. OF VARIATION = 3.63

NUMBER OF SUBJECTS = 9414

THE PERCENTILES



CENTIMETERS		INCHES
147.88	99TH	58.22
146.40	98TH	57.64
145.48	97TH	57.27
144.24	95TH	56.79
142.36	90TH	56.05
141.12	85TH	55.56
140.14	80TH	55.17
139.30	75TH	54.84
138.56	70TH	54.55
137.87	65TH	54.28
137.22	60TH	54.02
136.60	55TH	53.76
135.98	50TH	53.53
135.36	45TH	53.29
134.74	40TH	53.05
134.10	35TH	52.79
133.42	30TH	52.53
132.69	25TH	52.24
131.87	20TH	51.92
130.92	15TH	51.54
129.71	10TH	51.07
127.93	5TH	50.36
126.76	3RD	49.91
125.90	2RD	49.57
124.55	1ST	49.03

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

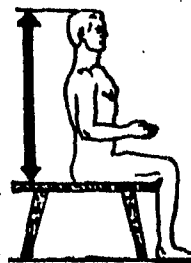
SITTING HEIGHT

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
87.87	MEAN VALUE	34.59
0.03	SE(MEAN)	0.01
3.26	SD DEVIATION	1.29
0.02	SE(SD DEV)	0.01

RANGES*	F	CUMF	FPCT	CUMFCT
100.25-101.25	1	9414	0.01	100.00
99.25-100.25	3	9413	0.03	99.99
98.25- 99.25	4	9410	0.04	99.96
97.25- 98.25	14	9406	0.15	99.91
96.25- 97.25	32	9392	0.34	99.77
95.25- 96.25	64	9360	0.68	99.43
94.25- 95.25	125	9296	1.33	98.75
93.25- 94.25	224	9171	2.38	97.42
92.25- 93.25	379	8947	4.03	95.04
91.25- 92.25	563	8568	5.98	91.01
90.25- 91.25	806	8005	8.56	85.03
89.25- 90.25	975	7199	10.36	76.47
88.25- 89.25	1047	6224	11.12	66.11
87.25- 88.25	1095	5177	11.63	54.99
86.25- 87.25	1105	4082	11.74	43.36
85.25- 86.25	985	2977	10.46	31.62
84.25- 85.25	717	1992	7.62	21.16
83.25- 84.25	552	1275	5.86	13.54
82.25- 83.25	335	723	3.56	7.68
81.25- 82.25	199	388	2.11	4.12
80.25- 81.25	99	189	1.05	2.01
79.25- 80.25	55	90	0.58	0.96
78.25- 79.25	26	35	0.28	0.37
77.25- 78.25	4	9	0.04	0.10
76.25- 77.25	4	5	0.04	0.05
75.25- 76.25	0	1	0.00	0.01
74.25- 75.25	1	1	0.01	0.01



SYMMETRY---	VETA I =	0.04
KURTOSIS---	VETA II =	2.98
COEF. OF VARIATION =		3.71

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS		INCHES
95.60	99TH	37.64
94.68	98TH	37.27
94.09	97TH	37.04
93.30	95TH	36.73
92.09	90TH	36.26
91.27	85TH	35.93
90.63	80TH	35.68
90.07	75TH	35.46
89.57	70TH	35.26
89.11	65TH	35.08
88.66	60TH	34.91
88.26	55TH	34.75
87.84	50TH	34.58
87.42	45TH	34.42
87.00	40TH	34.25
86.57	35TH	34.08
86.12	30TH	33.90
85.62	25TH	33.71
85.07	20TH	33.49
84.44	15TH	33.24
83.65	10TH	32.93
82.48	5TH	32.47
81.73	3RD	32.18
81.18	2RD	31.96
80.34	1ST	31.63

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 EYE HEIGHT-SITTING

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
76.71	MEAN VALUE	30.20
0.03	SE (MEAN)	0.01
3.25	SD DEVIATION	1.28
0.02	SE (SD DEV)	0.01

RANGES* F CUMF FPCT CUMFCT

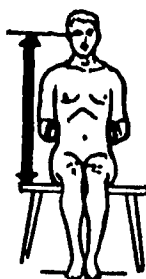
87.25- 88.25	6	9414	0.06	100.00
86.25- 87.25	8	9408	0.08	99.94
85.25- 86.25	22	9400	0.23	99.85
84.25- 85.25	63	9378	0.67	99.62
83.25- 84.25	118	9315	1.25	98.95
82.25- 83.25	201	9197	2.14	97.69
81.25- 82.25	318	8996	3.38	95.56
80.25- 81.25	557	8678	5.92	92.18
79.25- 80.25	795	8121	8.44	86.27
78.25- 79.25	940	7326	9.99	77.82
77.25- 78.25	1091	6386	11.59	67.84
76.25- 77.25	1090	5295	11.58	56.25
75.25- 76.25	1106	4205	11.75	44.67
74.25- 75.25	960	3099	10.20	32.92
73.25- 74.25	797	2139	8.47	22.72
72.25- 73.25	557	1342	5.92	14.26
71.25- 72.25	340	785	3.61	8.34
70.25- 71.25	233	445	2.48	4.73
69.25- 70.25	119	212	1.26	2.25
68.25- 69.25	53	93	0.56	0.99
67.25- 68.25	23	40	0.24	0.42
66.25- 67.25	10	17	0.11	0.18
65.25- 66.25	5	7	0.05	0.07
64.25- 65.25	0	2	0.00	0.02
63.25- 64.25	1	2	0.01	0.02
62.25- 63.25	1	1	0.01	0.01

SYMMETRY---VETA I = 0.01
 KURTOSIS---VETA II = 2.96
 COEF. OF VARIATION = 4.24

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS		INCHES
84.35	99TH	33.21
83.46	98TH	32.86
82.89	97TH	32.63
82.12	95TH	32.33
80.93	90TH	31.86
80.13	85TH	31.55
79.49	80TH	31.30
78.94	75TH	31.08
78.45	70TH	30.88
77.99	65TH	30.70
77.55	60TH	30.53
77.13	55TH	30.37
76.72	50TH	30.20
76.30	45TH	30.04
75.88	40TH	29.87
75.44	35TH	29.70
74.98	30TH	29.52
74.49	25TH	29.33
73.93	20TH	29.11
73.29	15TH	28.86
72.49	10TH	28.54
71.33	5TH	28.08
70.59	3RD	27.79
70.06	2RD	27.58
69.24	1ST	27.26



*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

MID-SHOULDER HEIGHT-SITTING

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES*	F	CUMF	FPCT	CUMFCT
70.75- 71.25	1	9414	0.01	100.00
70.25- 70.75	1	9413	0.01	99.99
69.75- 70.25	2	9412	0.02	99.98
69.25- 69.75	5	9410	0.05	99.96
68.75- 69.25	9	9405	0.10	99.90
68.25- 68.75	13	9396	0.14	99.81
67.75- 68.25	24	9383	0.25	99.67
67.25- 67.75	36	9359	0.38	99.42
66.75- 67.25	54	9323	0.57	99.03
66.25- 66.75	77	9269	0.82	98.46
65.75- 66.25	99	9192	1.05	97.64
65.25- 65.75	155	9093	1.65	96.59
64.75- 65.25	189	8938	2.01	94.94
64.25- 64.75	280	8749	2.97	92.94
63.75- 64.25	372	8469	3.95	89.96
63.25- 63.75	367	8097	3.90	86.01
62.75- 63.25	548	7730	5.82	82.11
62.25- 62.75	536	7182	5.69	76.29
61.75- 62.25	632	6646	6.71	70.60
61.25- 61.75	585	6014	6.21	63.88
60.75- 61.25	660	5429	7.01	57.67
60.25- 60.75	706	4769	7.50	50.66
59.75- 60.25	684	4063	7.27	43.16
59.25- 59.75	611	3379	6.49	35.89
58.75- 59.25	607	2768	6.45	29.40
58.25- 58.75	474	2161	5.04	22.96
57.75- 58.25	435	1687	4.62	17.92
57.25- 57.75	335	1252	3.56	13.30
56.75- 57.25	287	917	3.05	9.74
56.25- 56.75	182	630	1.93	6.69
55.75- 56.25	168	448	1.78	4.76
55.25- 55.75	90	280	0.96	2.97
54.75- 55.25	73	190	0.78	2.02
54.25- 54.75	45	117	0.48	1.24
53.75- 54.25	35	72	0.37	0.76
53.25- 53.75	14	37	0.15	0.39
52.75- 53.25	10	23	0.11	0.24
52.25- 52.75	5	13	0.05	0.14
51.75- 52.25	3	8	0.03	0.08
51.25- 51.75	2	5	0.02	0.05
50.75- 51.25	1	3	0.01	0.03
50.25- 50.75	0	2	0.00	0.02
49.75- 50.25	1	2	0.01	0.02
49.25- 49.75	1	1	0.01	0.01

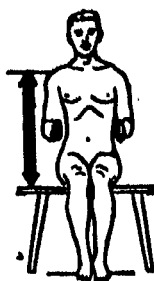
CENTIMETERS		INCHES
60.76	MEAN VALUE	23.92
0.03	SE (MEAN)	0.01
2.72	SD DEVIATION	1.07
0.02	SE (SD DEV)	0.01

SYMMETRY---VETA I = 0.04
KURTOSIS---VETA II = 3.00
COEF. OF VARIATION = 4.48

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS		INCHES
67.21	99TH	26.46
66.45	98TH	26.16
65.97	97TH	25.97
65.31	95TH	25.71
64.29	90TH	25.31
63.60	85TH	25.04
63.06	80TH	24.83
62.59	75TH	24.64
62.18	70TH	24.48
61.79	65TH	24.33
61.43	60TH	24.18
61.08	55TH	24.05
60.74	50TH	23.91
60.39	45TH	23.78
60.04	40TH	23.64
59.69	35TH	23.50
59.31	30TH	23.35
58.91	25TH	23.19
58.46	20TH	23.01
57.94	15TH	22.81
57.28	10TH	22.55
56.32	5TH	22.17
55.70	3RD	21.93
55.24	2RD	21.75
54.52	1ST	21.46



*IN CENTIMETERS

II-227

TOTAL SERIES

VARIABLE 20

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR SHOULDER (ACROMION) HEIGHT SITTING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMFCT
68.75- 69.25	1	9414	0.01	100.00
68.25- 68.75	1	9413	0.01	99.99
67.75- 68.25	0	9412	0.00	99.98
67.25- 67.75	2	9412	0.02	99.98
66.75- 67.25	9	9410	0.10	99.96
66.25- 66.75	13	9401	0.14	99.86
65.75- 66.25	15	9388	0.16	99.72
65.25- 65.75	26	9373	0.28	99.56
64.75- 65.25	34	9347	0.36	99.29
64.25- 64.75	46	9313	0.49	98.93
63.75- 64.25	74	9267	0.79	98.44
63.25- 63.75	103	9193	1.09	97.65
62.75- 63.25	162	9090	1.72	96.56
62.25- 62.75	204	8928	2.17	94.84
61.75- 62.25	295	8724	3.13	92.67
61.25- 61.75	274	8429	2.91	89.54
60.75- 61.25	363	8155	3.86	86.63
60.25- 60.75	411	7792	4.37	82.77
59.75- 60.25	544	7381	5.78	78.40
59.25- 59.75	538	6837	5.71	72.63
58.75- 59.25	630	6299	6.69	66.91
58.25- 59.75	591	5669	6.28	60.22
57.75- 58.25	647	5078	6.87	53.94
57.25- 57.75	675	4431	7.17	47.07
56.75- 57.25	674	3756	7.16	39.90
56.25- 56.75	580	3082	6.16	32.74
55.75- 56.25	542	2502	5.76	26.58
55.25- 55.75	432	1960	4.59	20.82
54.75- 55.25	381	1528	4.05	16.23
54.25- 54.75	286	1147	3.04	12.18
53.75- 54.25	248	661	2.63	9.15
53.25- 53.75	171	613	1.82	6.51
52.75- 53.25	157	442	1.67	4.70
52.25- 52.75	115	285	1.22	3.03
51.75- 52.25	73	170	0.78	1.81
51.25- 51.75	39	97	0.41	1.03
50.75- 51.25	24	58	0.25	0.62
50.25- 50.75	9	34	0.10	0.36
49.75- 50.25	10	25	0.11	0.27
49.25- 49.75	5	15	0.05	0.16
48.75- 49.25	5	10	0.05	0.11
48.25- 48.75	1	5	0.01	0.05
47.75- 48.25	2	4	0.02	0.04
47.25- 47.75	0	2	0.00	0.02
46.75- 47.25	0	2	0.00	0.02
46.25- 46.75	2	2	0.02	0.02

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
58.03	MEAN VALUE	22.85
0.03	SE(MEAN)	0.01
2.85	SD DEVIATION	1.12
0.02	SE(SD DEV)	0.01

SYMMETRY---VETA I = 0.07
KURTOSIS---VETA II = 2.99
COEF. OF VARIATION = 4.91

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS		INCHES
64.82	99TH	25.52
64.01	98TH	25.20
63.49	97TH	25.00
62.80	95TH	24.72
61.73	90TH	24.30
61.01	85TH	24.02
60.45	80TH	23.80
59.96	75TH	23.61
59.52	70TH	23.43
59.12	65TH	23.28
58.74	60TH	23.13
58.37	55TH	22.98
58.01	50TH	22.84
57.64	45TH	22.69
57.28	40TH	22.55
56.90	35TH	22.40
56.50	30TH	22.25
56.08	25TH	22.08
55.60	20TH	21.89
55.06	15TH	21.68
54.38	10TH	21.41
53.40	5TH	21.02
52.78	3RD	20.78
52.34	2RD	20.61
51.67	1ST	20.34



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

KNEE HEIGHT-SITTING

THE FREQUENCY TABLES

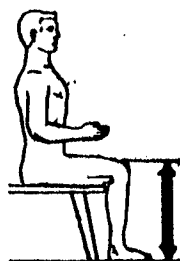
THE SUMMARY STATISTICS

RANGES*	F	CUMF	FPCT	CUMFCT
60.75- 61.25	1	9414	0.01	100.00
60.25- 60.75	0	9413	0.00	99.99
59.75- 60.25	2	9413	0.02	99.99
59.25- 59.75	4	9411	0.04	99.97
58.75- 59.25	4	9407	0.04	99.93
58.25- 58.75	8	9403	0.08	99.88
57.75- 58.25	22	9395	0.23	99.80
57.25- 57.75	27	9373	0.29	99.56
56.75- 57.25	50	9346	0.53	99.28
56.25- 56.75	73	9296	0.78	98.75
55.75- 56.25	129	9223	1.37	97.97
55.25- 55.75	174	9094	1.85	96.60
54.75- 55.25	237	8920	2.52	94.75
54.25- 54.75	278	8683	2.95	92.23
53.75- 54.25	460	8405	4.89	89.28
53.25- 53.75	549	7945	5.83	84.40
52.75- 53.25	683	7396	7.26	78.56
52.25- 52.75	742	6713	7.88	71.31
51.75- 52.25	859	5971	9.12	63.43
51.25- 51.75	857	5112	9.10	54.30
50.75- 51.25	812	4255	8.63	45.20
50.25- 50.75	724	3443	7.69	36.57
49.75- 50.25	763	2719	8.10	28.88
49.25- 49.75	567	1956	6.02	20.78
48.75- 49.25	455	1389	4.83	14.75
48.25- 48.75	268	934	2.85	9.92
47.75- 48.25	266	666	2.83	7.07
47.25- 47.75	171	400	1.82	4.25
46.75- 47.25	103	229	1.09	2.43
46.25- 46.75	48	126	0.51	1.34
45.75- 46.25	33	78	0.35	0.83
45.25- 45.75	20	45	0.21	0.48
44.75- 45.25	18	25	0.19	0.27
44.25- 44.75	7	7	0.07	0.07

CENTIMETERS		INCHES
51.53	MEAN VALUE	20.29
0.02	SE(MEAN)	0.01
2.23	SD DEVIATION	0.88
0.02	SE(SD DEV)	0.01

SYMMETRY---VETA I = 0.11
KURTOSIS---VETA II = 3.12
COEF. OF VARIATION = 4.33

NUMBER OF SUBJECTS = 9414.



THE PERCENTILES

CENTIMETERS		INCHES
56.99	99TH	22.44
56.30	98TH	22.16
55.86	97TH	21.99
55.28	95TH	21.76
54.41	90TH	21.42
53.83	85TH	21.19
53.38	80TH	21.02
53.00	75TH	20.87
52.66	70TH	20.73
52.35	65TH	20.61
52.06	60TH	20.49
51.78	55TH	20.38
51.50	50TH	20.27
51.22	45TH	20.17
50.94	40TH	20.06
50.66	35TH	19.94
50.36	30TH	19.83
50.03	25TH	19.70
49.67	20TH	19.56
49.25	15TH	19.39
48.72	10TH	19.18
47.93	5TH	18.87
47.41	3RD	18.67
47.03	2RD	18.52
46.42	1ST	18.28

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 POPLITEAL HEIGHT-SITTING

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS

INCHES

40.16 MEAN VALUE 15.81
 0.02 SE(MEAN) 0.01
 1.80 SD DEVIATION 0.71
 0.01 SE(SD DEV) 0.01

RANGES* F CUMF FPCT CUMFCT

47.75- 43.25	1	9414	0.01	100.00
47.25- 47.75	2	9413	0.02	99.99
46.75- 47.25	3	9411	0.03	99.97
46.25- 46.75	11	9408	0.12	99.94
45.75- 46.25	14	9397	0.15	99.82
45.25- 45.75	13	9383	0.14	99.67
44.75- 45.25	35	9370	0.37	99.53
44.25- 44.75	60	9335	0.64	99.16
43.75- 44.25	124	9275	1.32	98.52
43.25- 43.75	194	9151	2.06	97.21
42.75- 43.25	278	8957	2.95	95.15
42.25- 42.75	359	8679	3.81	92.19
41.75- 42.25	624	8320	6.63	88.38
41.25- 41.75	727	7696	7.72	81.75
40.75- 41.25	1003	6969	10.65	74.03
40.25- 40.75	959	5966	10.19	63.37
39.75- 40.25	1137	5007	12.08	53.19
39.25- 39.75	983	3870	10.44	41.11
38.75- 39.25	940	2887	9.99	30.67
38.25- 38.75	648	1947	6.88	20.68
37.75- 38.25	506	1299	5.37	13.80
37.25- 37.75	317	793	3.37	8.42
36.75- 37.25	233	476	2.48	5.06
36.25- 36.75	114	243	1.21	2.58
35.75- 36.25	71	129	0.75	1.37
35.25- 35.75	23	58	0.30	0.62
34.75- 35.25	13	30	0.14	0.32
34.25- 34.75	11	17	0.12	0.18
33.75- 34.25	4	6	0.04	0.06
33.25- 33.75	1	2	0.01	0.02
32.75- 33.25	1	1	0.01	0.01

SYMMETRY---VETA I = 0.14
 KURTOSIS---VETA II = 3.32
 COEF. OF VARIATION = 4.48

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES



CENTIMETERS

INCHES

44.64	99TH	17.57
44.05	98TH	17.34
43.68	97TH	17.20
43.20	95TH	17.01
42.48	90TH	16.72
42.01	85TH	16.54
41.64	80TH	16.39
41.33	75TH	16.27
41.06	70TH	16.17
40.81	65TH	16.07
40.58	60TH	15.97
40.35	55TH	15.89
40.13	50TH	15.80
39.91	45TH	15.71
39.69	40TH	15.62
39.46	35TH	15.54
39.22	30TH	15.44
38.96	25TH	15.34
38.67	20TH	15.22
38.33	15TH	15.09
37.91	10TH	14.92
37.26	5TH	14.67
36.83	3RD	14.50
36.51	2RD	14.37
36.00	1ST	14.17

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....
ARM REACH-FORWARD

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS INCHES

84.78 MEAN VALUE 33.38
0.04 SE(MEAN) 0.01
3.60 SD DEVIATION 1.42
0.03 SE(SD DEV) 0.01

RANGES* F CUMF FPCT CUMFCT

97.25- 98.25	1	9412	0.01	100.00
96.25- 97.25	3	9411	0.03	99.99
95.25- 96.25	22	9408	0.23	99.96
94.25- 95.25	32	9386	0.34	99.72
93.25- 94.25	48	9354	0.51	99.38
92.25- 93.25	104	9306	1.10	98.87
91.25- 92.25	161	9202	1.71	97.77
90.25- 91.25	256	9041	2.72	96.06
89.25- 90.25	376	8785	3.99	93.34
88.25- 89.25	526	8409	5.59	89.34
87.25- 88.25	758	7883	8.05	83.75
86.25- 87.25	917	7125	9.74	75.70
85.25- 86.25	960	6208	10.20	65.96
84.25- 85.25	1030	5248	10.94	55.76
83.25- 84.25	1029	4218	10.93	44.82
82.25- 83.25	911	3189	9.68	33.88
81.25- 82.25	792	2278	8.41	24.20
80.25- 81.25	567	1486	6.02	15.79
79.25- 80.25	368	919	3.91	9.76
78.25- 79.25	242	551	2.57	5.85
77.25- 78.25	138	309	1.47	3.28
76.25- 77.25	92	171	0.98	1.82
75.25- 76.25	43	79	0.46	0.84
74.25- 75.25	20	36	0.21	0.38
73.25- 74.25	9	16	0.10	0.17
72.25- 73.25	4	7	0.04	0.07
71.25- 72.25	2	3	0.02	0.03
70.25- 71.25	1	1	0.01	0.01

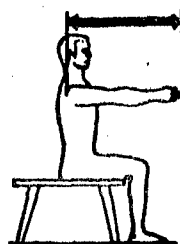
SYMMETRY---VETA I = 0.06
KURTOSIS---VETA II = 3.08
COEF. OF VARIATION = 4.24

NUMBER OF SUBJECTS = 9412.

THE PERCENTILES

CENTIMETERS INCHES

93.52	99TH	36.82
92.45	98TH	36.40
91.77	97TH	36.13
90.85	95TH	35.77
89.45	90TH	35.22
88.52	85TH	34.85
87.79	80TH	34.56
87.17	75TH	34.32
86.62	70TH	34.10
86.11	65TH	33.90
85.64	60TH	33.72
85.18	55TH	33.54
84.73	50TH	33.36
84.28	45TH	33.18
83.83	40TH	33.00
83.37	35TH	32.82
82.88	30TH	32.63
82.35	25TH	32.42
81.77	20TH	32.19
81.09	15TH	31.92
80.22	10TH	31.50
78.93	5TH	31.07
78.07	3RD	30.74
77.42	2RD	30.48
76.38	1ST	30.07



*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
SHOULDER-ELBOW LENGTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES*	F	CUMF	FPCT	CUMFCT
41.55- 41.85	1	9413	0.01	100.00
41.25- 41.55	2	9412	0.02	99.99
40.95- 41.25	3	9410	0.03	99.97
40.65- 40.95	6	9407	0.06	99.94
40.35- 40.65	8	9401	0.08	99.87
40.05- 40.35	8	9393	0.08	99.79
39.75- 40.05	18	9385	0.19	99.70
39.45- 39.75	39	9367	0.41	99.51
39.15- 39.45	59	9328	0.63	99.10
38.85- 39.15	89	9269	0.95	98.47
38.55- 38.85	56	9180	0.59	97.52
38.25- 38.55	202	9124	2.15	96.93
37.95- 38.25	227	8922	2.41	94.78
37.65- 37.95	106	8695	1.13	92.37
37.35- 37.65	378	8589	4.02	91.25
37.05- 37.35	375	8211	3.98	87.23
36.75- 37.05	473	7836	5.02	83.25
36.45- 36.75	572	7363	6.08	78.22
36.15- 36.45	647	6791	6.87	72.14
35.85- 36.15	668	6144	7.10	65.27
35.55- 35.85	510	5476	5.42	58.17
35.25- 35.55	982	4966	10.43	52.76
34.95- 35.25	790	3984	8.39	42.32
34.65- 34.95	278	3194	2.95	33.93
34.35- 34.65	773	2916	8.21	30.98
34.05- 34.35	412	2143	4.38	22.77
33.75- 34.05	465	1731	4.94	18.39
33.45- 33.75	379	1266	4.03	13.45
33.15- 33.45	267	887	2.84	9.42
32.85- 33.15	210	620	2.23	6.59
32.55- 32.85	98	410	1.04	4.36
32.25- 32.55	129	312	1.37	3.31
31.95- 32.25	74	183	0.79	1.94
31.65- 31.95	23	109	0.24	1.16
31.35- 31.65	38	86	0.40	0.91
31.05- 31.35	20	48	0.21	0.51
30.75- 31.05	12	28	0.13	0.30
30.45- 30.75	7	16	0.07	0.17
30.15- 30.45	5	9	0.05	0.10
29.85- 30.15	2	4	0.02	0.04
29.55- 29.85	0	2	0.00	0.02
29.25- 29.55	2	2	0.02	0.02

CENTIMETERS		INCHES
35.53	MEAN VALUE	13.99
0.02	SE(MEAN)	0.01
1.61	SD DEVIATION	0.64
0.01	SE(SD DEV)	0.00

SYMMETRY---	VETA I =	0.06
KURTOSIS---	VETA II =	3.10
COEF. OF VARIATION	=	4.55

NUMBER OF SUBJECTS = 9413.



THE PERCENTILES

CENTIMETERS		INCHES
39.43	99TH	15.52
38.94	98TH	15.33
38.64	97TH	15.21
38.22	95TH	15.05
37.60	90TH	14.80
37.19	85TH	14.64
36.87	80TH	14.51
36.59	75TH	14.41
36.35	70TH	14.31
36.12	65TH	14.22
35.91	60TH	14.14
35.71	55TH	14.06
35.51	50TH	13.96
35.31	45TH	13.90
35.11	40TH	13.82
34.90	35TH	13.74
34.68	30TH	13.65
34.45	25TH	13.56
34.18	20TH	13.46
33.88	15TH	13.34
33.49	10TH	13.18
32.90	5TH	12.95
32.52	3RD	12.80
32.23	2RD	12.69
31.77	1ST	12.51

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
FOREARM HAND LENGTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS INCHES

46.05 MEAN VALUE 18.13
0.02 SE(MEAN) 0.01
1.96 SD DEVIATION 0.77
0.01 SE(SD DEV) 0.01

RANGES* F CUMF FPCT CUMFCT

53.75- 54.25	1	9413	0.01	100.00
53.25- 53.75	2	9412	0.02	99.99
52.75- 53.25	2	9410	0.02	99.97
52.25- 52.75	6	9408	0.06	99.95
51.75- 52.25	15	9402	0.16	99.88
51.25- 51.75	20	9387	0.21	99.72
50.75- 51.25	49	9367	0.52	99.51
50.25- 50.75	87	9318	0.92	98.99
49.75- 50.25	119	9231	1.26	98.07
49.25- 49.75	243	9112	2.58	96.80
48.75- 49.25	253	8869	2.69	94.22
48.25- 48.75	448	8616	4.76	91.53
47.75- 48.25	498	8168	5.29	86.77
47.25- 47.75	790	7670	8.39	81.48
46.75- 47.25	751	6880	7.98	73.09
46.25- 46.75	1047	6129	11.12	65.11
45.75- 46.25	817	5082	8.68	53.99
45.25- 45.75	1131	4265	12.02	45.31
44.75- 45.25	746	3134	7.93	33.29
44.25- 44.75	789	2388	8.38	25.37
43.75- 44.25	482	1599	5.12	16.99
43.25- 43.75	413	1117	4.39	11.87
42.75- 43.25	267	704	2.84	7.48
42.25- 42.75	218	437	2.32	4.64
41.75- 42.25	100	219	1.06	2.33
41.25- 41.75	63	119	0.67	1.26
40.75- 41.25	27	56	0.29	0.59
40.25- 40.75	22	29	0.23	0.31
39.75- 40.25	3	7	0.03	0.07
39.25- 39.75	2	4	0.02	0.04
38.75- 39.25	2	2	0.02	0.02

SYMMETRY---VETA I = 0.09
KURTOSIS---VETA II = 3.08
COEF. OF VARIATION = 4.25

NUMBER OF SUBJECTS = 9413.

THE PERCENTILES

CENTIMETERS INCHES

50.78	99TH	19.99
50.20	98TH	19.77
49.84	97TH	19.62
49.35	95TH	19.43
48.59	90TH	19.13
48.09	85TH	18.93
47.70	80TH	18.78
47.36	75TH	18.64
47.06	70TH	18.53
46.78	65TH	18.42
46.52	60TH	18.32
46.27	55TH	18.22
46.03	50TH	18.12
45.78	45TH	18.02
45.53	40TH	17.93
45.28	35TH	17.83
45.01	30TH	17.72
44.72	25TH	17.61
44.40	20TH	17.48
44.03	15TH	17.33
43.56	10TH	17.15
42.87	5TH	16.88
42.41	3RD	16.70
42.07	2RD	16.56
41.54	1ST	16.35



*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

..... SHOULDER BREADTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES*	F	CUMF	FPCT	CUMFCT
54.25- 54.75	2	9413	0.02	100.00
53.75- 54.25	0	9411	0.00	99.98
53.25- 53.75	2	9411	0.02	99.98
52.75- 53.25	1	9409	0.01	99.96
52.25- 52.75	0	9408	0.00	99.95
51.75- 52.25	1	9408	0.01	99.95
51.25- 51.75	5	9407	0.05	99.94
50.75- 51.25	10	9402	0.11	99.88
50.25- 50.75	13	9392	0.14	99.78
49.75- 50.25	16	9379	0.17	99.64
49.25- 49.75	38	9363	0.40	99.47
48.75- 49.25	31	9325	0.33	99.07
48.25- 48.75	47	9294	0.50	98.74
47.75- 48.25	48	9247	0.51	98.24
47.25- 47.75	92	9199	0.98	97.73
46.75- 47.25	102	9107	1.08	96.75
46.25- 46.75	185	9005	1.97	95.67
45.75- 46.25	153	8820	1.63	93.70
45.25- 45.75	328	8667	3.48	92.07
44.75- 45.25	262	8339	2.78	88.59
44.25- 44.75	577	8077	6.13	85.81
43.75- 44.25	505	7500	5.36	79.68
43.25- 43.75	785	6995	8.34	74.31
42.75- 43.25	671	6210	7.13	65.97
42.25- 42.75	898	5539	9.54	58.84
41.75- 42.25	773	4641	8.21	49.30
41.25- 41.75	994	3868	10.56	41.09
40.75- 41.25	663	2874	7.04	30.53
40.25- 40.75	742	2211	7.88	23.49
39.75- 40.25	393	1469	4.18	15.61
39.25- 39.75	419	1076	4.45	11.43
38.75- 39.25	225	657	2.39	6.98
38.25- 38.75	199	432	2.11	4.59
37.75- 38.25	83	233	0.88	2.48
37.25- 37.75	90	150	0.96	1.59
36.75- 37.25	27	60	0.29	0.64
36.25- 36.75	13	33	0.14	0.35
35.75- 36.25	8	20	0.08	0.21
35.25- 35.75	7	12	0.07	0.13
34.75- 35.25	1	5	0.01	0.05
34.25- 34.75	1	4	0.01	0.04
33.75- 34.25	3	3	0.03	0.03

CENTIMETERS

INCHES

42.43 MEAN VALUE 16.71
0.02 SE (MEAN) 0.01
2.35 SD DEVIATION 0.92
0.02 SE (SD DEV) 0.01

SYMMETRY---VETA I = 0.47
KURTOSIS---VETA II = 3.81
COEF. OF VARIATION = 5.53

NUMBER OF SUBJECTS = 9413.

THE PERCENTILES

CENTIMETERS

INCHES

49.15	99TH	19.35
48.03	98TH	18.91
47.38	97TH	18.65
46.56	95TH	18.33
45.44	90TH	17.89
44.75	85TH	17.62
44.24	80TH	17.42
43.82	75TH	17.25
43.46	70TH	17.11
43.14	65TH	16.98
42.84	60TH	16.87
42.56	55TH	16.76
42.29	50TH	16.65
42.01	45TH	16.54
41.74	40TH	16.43
41.47	35TH	16.33
41.18	30TH	16.21
40.87	25TH	16.09
40.52	20TH	15.95
40.12	15TH	15.79
39.61	10TH	15.60
38.86	5TH	15.30
38.36	3RD	15.10
38.00	2RD	14.96
37.43	1ST	14.74



*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

ELBOW-TO-ELBOW BREADTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
41.94	MEAN VALUE	16.51
0.04	SE(MEAN)	0.01
3.51	SD DEVIATION	1.38
0.03	SE(SD DEV)	0.01

SYMMETRY---VETA I = 0.80
KURTOSIS---VETA II = 4.59
COEF. OF VARIATION = 8.37

NUMBER OF SUBJECTS = 9411.

THE PERCENTILES

CENTIMETERS		INCHES
52.90	99TH	20.82
50.98	98TH	20.07
49.86	97TH	19.63
48.46	95TH	19.08
46.53	90TH	18.32
45.38	85TH	17.87
44.55	80TH	17.54
43.87	75TH	17.27
43.31	70TH	17.05
42.81	65TH	16.85
42.36	60TH	16.68
41.95	55TH	16.51
41.55	50TH	16.36
41.17	45TH	16.21
40.80	40TH	16.06
40.42	35TH	15.92
40.04	30TH	15.76
39.64	25TH	15.61
39.20	20TH	15.43
38.69	15TH	15.23
38.05	10TH	14.98
37.09	5TH	14.60
36.43	3RD	14.34
35.92	2RD	14.14
35.07	1ST	13.81



RANGES*	F	CUMF	FPCT	CUMPT
61.25- 62.25	1	9411	0.01	100.00
60.25- 61.25	0	9410	0.00	99.99
59.25- 60.25	1	9410	0.01	99.99
58.25- 59.25	3	9409	0.03	99.98
57.25- 58.25	7	9406	0.07	99.95
56.25- 57.25	6	9399	0.06	99.87
55.25- 56.25	8	9393	0.09	99.81
54.25- 55.25	13	9385	0.14	99.72
53.25- 54.25	33	9372	0.35	99.59
52.25- 53.25	45	9339	0.48	99.23
51.25- 52.25	56	9294	0.60	98.76
50.25- 51.25	76	9238	0.81	98.16
49.25- 50.25	124	9162	1.32	97.35
48.25- 49.25	153	9038	1.63	96.04
47.25- 48.25	186	8885	1.98	94.41
46.25- 47.25	303	8699	3.22	92.43
45.25- 46.25	392	8396	4.17	89.21
44.25- 45.25	573	8004	6.09	85.05
43.25- 44.25	850	7431	9.03	78.96
42.25- 43.25	1073	6581	11.40	69.93
41.25- 42.25	1243	5508	13.21	58.53
40.25- 41.25	1226	4265	13.03	45.32
39.25- 40.25	1143	3039	12.15	32.29
38.25- 39.25	829	1896	8.81	20.15
37.25- 38.25	527	1067	5.60	11.34
36.25- 37.25	307	540	3.26	5.74
35.25- 36.25	133	233	1.41	2.48
34.25- 35.25	46	100	0.49	1.06
33.25- 34.25	21	54	0.22	0.57
32.25- 33.25	18	33	0.19	0.35
31.25- 32.25	8	15	0.09	0.16
30.25- 31.25	6	7	0.06	0.07
29.25- 30.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

..... HIP BREADTH-SITTING

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMFCT
42.25- 42.75	1	9412	0.01	100.00
41.75- 42.25	0	9411	0.00	99.99
41.25- 41.75	1	9411	0.01	99.99
40.75- 41.25	1	9410	0.01	99.98
40.25- 40.75	5	9409	0.05	99.97
39.75- 40.25	4	9404	0.04	99.92
39.25- 39.75	18	9400	0.19	99.87
38.75- 39.25	18	9382	0.19	99.68
38.25- 38.75	45	9364	0.48	99.49
37.75- 38.25	87	9319	0.39	99.01
37.25- 37.75	84	9282	0.89	98.62
36.75- 37.25	111	9198	1.18	97.73
36.25- 36.75	221	9087	2.45	96.55
35.75- 36.25	215	8856	2.28	94.09
35.25- 35.75	432	8641	4.59	91.81
34.75- 35.25	387	8209	4.11	87.22
34.25- 34.75	771	7822	8.19	83.11
33.75- 34.25	694	7051	7.37	74.92
33.25- 33.75	1092	6357	11.60	67.54
32.75- 33.25	1005	5265	10.68	55.94
32.25- 32.75	1240	4260	13.17	45.26
31.75- 32.25	877	3020	9.32	32.09
31.25- 31.75	790	2143	8.39	22.77
30.75- 31.25	550	1353	5.84	14.38
30.25- 30.75	419	803	4.45	8.53
29.75- 30.25	184	384	1.95	4.08
29.25- 29.75	120	200	1.27	2.12
28.75- 29.25	46	80	0.49	0.85
28.25- 28.75	22	34	0.23	0.36
27.75- 28.25	5	12	0.05	0.13
27.25- 27.75	5	7	0.05	0.07
26.75- 27.25	2	2	0.02	0.02



THE SUMMARY STATISTICS

CENTIMETERS		INCHES
33.11	MEAN VALUE	13.04
0.02	SE(MEAN)	0.01
1.84	SD DEVIATION	0.72
0.01	SE(CO DEV)	0.01

SYMMETRY---VETA I = 0.46
KURTOSIS---VETA II = 3.54
COEF. OF VARIATION = 5.55

NUMBER OF SUBJECTS = 9412.

THE PERCENTILES

CENTIMETERS		INCHES
38.21	99TH	15.04
37.44	98TH	14.74
36.98	97TH	14.56
36.38	95TH	14.32
35.52	90TH	13.98
34.98	85TH	13.77
34.57	80TH	13.61
34.23	75TH	13.48
33.94	70TH	13.36
33.68	65TH	13.26
33.44	60TH	13.16
33.21	55TH	13.07
32.98	50TH	12.99
32.76	45TH	12.90
32.55	40TH	12.81
32.33	35TH	12.73
32.10	30TH	12.64
31.86	25TH	12.54
31.59	20TH	12.44
31.28	15TH	12.32
30.90	10TH	12.17
30.34	5TH	11.95
29.98	3RD	11.80
29.72	2RD	11.70
29.29	1ST	11.53

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR ***** BUTTOCK-KNEE LENGTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES*	F	CUMF	FPCT	CUMPCT
65.25- 65.75	1	9413	0.01	100.00
64.75- 65.25	1	9412	0.01	99.99
64.25- 64.75	2	9411	0.02	99.98
63.75- 64.25	1	9409	0.01	99.96
63.25- 63.75	6	9408	0.06	99.95
62.75- 63.25	8	9402	0.08	99.88
62.25- 62.75	11	9394	0.12	99.80
61.75- 62.25	20	9383	0.21	99.68
61.25- 61.75	56	9363	0.59	99.47
60.75- 61.25	48	9307	0.51	98.87
60.25- 60.75	117	9259	1.24	98.36
59.75- 60.25	101	9142	1.07	97.12
59.25- 59.75	232	9041	2.46	96.05
58.75- 59.25	234	8809	2.49	93.58
58.25- 58.75	448	8575	4.76	91.10
57.75- 58.25	366	8127	3.89	86.34
57.25- 57.75	593	7761	6.30	82.45
56.75- 57.25	569	7168	6.04	76.15
56.25- 56.75	821	6599	8.72	70.11
55.75- 56.25	640	5778	6.80	61.38
55.25- 55.75	1003	5138	10.66	54.58
54.75- 55.25	600	4135	6.37	43.93
54.25- 54.75	796	3535	8.46	37.55
53.75- 54.25	657	2739	6.98	29.10
53.25- 53.75	617	2082	6.55	22.12
52.75- 53.25	400	1465	4.25	15.56
52.25- 52.75	395	1065	4.20	11.31
51.75- 52.25	234	670	2.49	7.12
51.25- 51.75	168	436	1.78	4.63
50.75- 51.25	97	268	1.03	2.85
50.25- 50.75	76	171	0.81	1.82
49.75- 50.25	43	95	0.46	1.01
49.25- 49.75	28	52	0.30	0.55
48.75- 49.25	16	24	0.17	0.25
48.25- 48.75	3	8	0.03	0.08
47.75- 48.25	2	5	0.02	0.05
47.25- 47.75	2	3	0.02	0.03
46.75- 47.25	1	1	0.01	0.01

CENTIMETERS		INCHES
55.58	MEAN VALUE	21.88
0.02	SE (MEAN)	0.01
2.36	SD DEVIATION	0.93
0.02	SE (SD DEV)	0.01

SYMMETRY---VETA I = 0.12
KURTOSIS---VETA II = 3.06
COEF. OF VARIATION = 4.24

NUMBER OF SUBJECTS = 9413.

THE PERCENTILES

CENTIMETERS		INCHES
61.34	99TH	24.15
60.63	98TH	23.87
60.18	97TH	23.69
59.57	95TH	23.45
58.65	90TH	23.09
58.03	85TH	22.85
57.55	80TH	22.66
57.14	75TH	22.50
56.78	70TH	22.35
56.44	65TH	22.22
56.13	60TH	22.10
55.83	55TH	21.98
55.53	50TH	21.86
55.24	45TH	21.75
54.94	40TH	21.63
54.64	35TH	21.51
54.32	30TH	21.39
53.98	25TH	21.25
53.60	20TH	21.10
53.16	15TH	20.93
52.61	10TH	20.71
51.79	5TH	20.39
51.26	3RD	20.18
50.87	2RD	20.03
50.24	1ST	19.78



*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 BUTTOCK-POPLITEAL LENGTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
45.34	MEAN VALUE	17.85
0.02	SE (MEAN)	0.01
2.14	SD DEVIATION	0.84
0.02	SE (SD DEV)	0.01

SYMMETRY---VETA I = 0.07
 KURTOSIS---VETA II = 3.04
 COEF. OF VARIATION = 4.71

NUMBER OF SUBJECTS = 9413.

THE PERCENTILES



CENTIMETERS		INCHES
50.52	99TH	19.89
49.88	98TH	19.64
49.48	97TH	19.48
48.94	95TH	19.27
48.12	90TH	18.94
47.57	85TH	18.73
47.14	80TH	18.56
46.78	75TH	18.42
46.45	70TH	18.29
46.15	65TH	18.17
45.87	60TH	18.06
45.60	55TH	17.95
45.33	50TH	17.85
45.06	45TH	17.74
44.79	40TH	17.63
44.51	35TH	17.52
44.22	30TH	17.41
43.90	25TH	17.28
43.55	20TH	17.15
43.14	15TH	16.98
42.63	10TH	16.78
41.86	5TH	16.48
41.36	3RD	16.28
41.00	2RD	16.14
40.42	1ST	15.91

RANGES*	F	CUMF	FPCT	CUMPCT
52.75- 53.25	2	9413	0.02	100.00
52.25- 52.75	3	9411	0.03	99.98
51.75- 52.25	15	9408	0.16	99.95
51.25- 51.75	23	9393	0.24	99.79
50.75- 51.25	32	9370	0.34	99.54
50.25- 50.75	47	9338	0.50	99.20
49.75- 50.25	79	9291	0.84	98.70
49.25- 49.75	156	9212	1.66	97.86
48.75- 49.25	191	9056	2.03	96.21
48.25- 48.75	289	8865	3.07	94.18
47.75- 48.25	348	8576	3.70	91.11
47.25- 47.75	558	8228	5.93	87.41
46.75- 47.25	662	7670	7.03	81.48
46.25- 46.75	761	7008	8.08	74.45
45.75- 46.25	841	6247	8.93	66.37
45.25- 45.75	845	5406	8.98	57.43
44.75- 45.25	822	4561	8.73	48.45
44.25- 44.75	849	3739	9.02	39.72
43.75- 44.25	730	2890	7.76	30.70
43.25- 43.75	621	2160	6.60	22.95
42.75- 43.25	531	1539	5.64	16.35
42.25- 42.75	357	1008	3.79	10.71
41.75- 42.25	256	651	2.72	6.92
41.25- 41.75	152	395	1.61	4.20
40.75- 41.25	98	243	1.04	2.58
40.25- 40.75	75	145	0.80	1.54
39.75- 40.25	36	70	0.38	0.74
39.25- 39.75	16	34	0.17	0.36
38.75- 39.25	9	18	0.10	0.19
38.25- 38.75	6	9	0.06	0.10
37.75- 38.25	2	3	0.02	0.03
37.25- 37.75	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

BACK-WAIST LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
58.75- 59.25	1	9414	0.01	100.00
58.25- 58.75	0	9413	0.00	99.99
57.75- 58.25	0	9413	0.00	99.99
57.25- 57.75	0	9413	0.00	99.99
56.75- 57.25	6	9413	0.06	99.99
56.25- 56.75	2	9407	0.02	99.93
55.75- 56.25	5	9405	0.05	99.90
55.25- 55.75	4	9400	0.04	99.85
54.75- 55.25	14	9396	0.15	99.81
54.25- 54.75	12	9382	0.13	99.66
53.75- 54.25	32	9370	0.34	99.53
53.25- 53.75	32	9338	0.34	99.19
52.75- 53.25	72	9306	0.76	98.85
52.25- 52.75	80	9234	0.85	98.09
51.75- 52.25	154	9154	1.64	97.24
51.25- 51.75	157	9000	1.67	95.60
50.75- 51.25	201	8843	2.14	93.93
50.25- 50.75	85	8642	0.90	91.80
49.75- 50.25	763	8557	8.10	90.90
49.25- 49.75	360	7794	3.82	82.79
48.75- 49.25	564	7434	5.95	78.97
48.25- 48.75	634	6870	6.73	72.98
47.75- 48.25	768	6236	8.16	66.24
47.25- 47.75	631	5468	6.70	58.08
46.75- 47.25	645	4837	6.85	51.38
46.25- 46.75	627	4192	6.66	44.53
45.75- 46.25	776	3365	8.24	37.87
45.25- 45.75	550	2789	5.84	29.63
44.75- 45.25	497	2239	5.28	23.78
44.25- 44.75	370	1742	3.92	18.50
43.75- 44.25	400	1272	4.25	14.57
43.25- 43.75	235	972	2.50	10.33
42.75- 43.25	211	737	2.24	7.83
42.25- 42.75	144	526	1.53	5.59
41.75- 42.25	142	382	1.51	4.06
41.25- 41.75	70	240	0.74	2.55
40.75- 41.25	62	170	0.66	1.81
40.25- 40.75	14	108	0.15	1.15
39.75- 40.25	45	94	0.48	1.00
39.25- 39.75	10	49	0.11	0.52
38.75- 39.25	8	39	0.08	0.41
38.25- 38.75	2	31	0.03	0.33
37.75- 38.25	5	28	0.05	0.30
37.25- 37.75	8	23	0.08	0.24
36.75- 37.25	7	15	0.07	0.16
36.25- 36.75	5	8	0.03	0.08
35.75- 36.25	2	5	0.02	0.05
35.25- 35.75	1	3	0.01	0.03
34.75- 35.25	2	2	0.02	0.02

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
47.08	MEAN VALUE 18.54
0.03	SE(MEAN) 0.01
2.72	SD DEVIATION 1.07
0.02	SE(SD DEV) 0.01

SYMMETRY---	VETA I = -0.11
KURTOSIS---	VETA II = 3.46
COEF. OF VARIATION	= 5.79

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS	INCHES
53.48	99TH 21.05
52.67	98TH 20.73
52.16	97TH 20.54
51.49	95TH 20.27
50.50	90TH 19.88
49.84	85TH 19.62
49.32	80TH 19.42
48.89	75TH 19.25
48.49	70TH 19.09
48.14	65TH 18.95
47.79	60TH 18.82
47.47	55TH 18.69
47.14	50TH 18.56
46.81	45TH 18.43
46.48	40TH 18.30
46.13	35TH 18.16
45.77	30TH 18.02
45.36	25TH 17.86
44.91	20TH 17.68
44.37	15TH 17.47
43.67	10TH 17.19
42.58	5TH 16.76
41.84	3RD 16.47
41.28	2RD 16.25
40.35	1ST 15.88



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
SHOULDER LENGTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES*	F	CUMF	FPCT	CUMFCT
19.55- 19.75	1	9414	0.01	100.00
19.35- 19.55	10	9413	0.11	99.99
19.15- 19.35	2	9403	0.02	99.88
18.95- 19.15	22	9401	0.23	99.86
18.75- 18.95	14	9379	0.15	99.63
18.55- 18.75	16	9365	0.17	99.48
18.35- 18.55	58	9349	0.62	99.31
18.15- 18.35	30	9291	0.32	98.69
17.95- 18.15	160	9261	1.70	98.37
17.75- 17.95	61	9101	0.65	96.68
17.55- 17.75	34	9040	0.36	96.03
17.35- 17.55	246	9006	2.61	95.67
17.15- 17.35	99	8760	1.05	93.05
16.95- 17.15	630	8661	6.69	92.00
16.75- 16.95	151	8031	1.60	85.31
16.55- 16.75	185	7880	1.97	83.71
16.35- 16.55	724	7695	7.69	81.74
16.15- 16.35	302	6971	3.21	74.05
15.95- 16.15	1441	6669	15.31	70.84
15.75- 15.95	312	5228	3.31	55.53
15.55- 15.75	324	4916	3.44	52.22
15.35- 15.55	1027	4592	10.91	48.78
15.15- 15.35	429	3565	4.56	37.87
14.95- 15.15	1566	3136	16.63	33.31
14.75- 14.95	176	1570	1.87	16.68
14.55- 14.75	206	1394	2.19	14.81
14.35- 14.55	559	1188	5.94	12.62
14.15- 14.35	151	629	1.60	6.68
13.95- 14.15	344	478	3.65	5.08
13.75- 13.95	27	134	0.29	1.42
13.55- 13.75	23	107	0.24	1.14
13.35- 13.55	47	84	0.50	0.89
13.15- 13.35	13	37	0.14	0.39
12.95- 13.15	19	24	0.20	0.25
12.75- 12.95	0	5	0.00	0.05
12.55- 12.75	0	5	0.00	0.05
12.35- 12.55	2	5	0.02	0.05
12.15- 12.35	0	3	0.00	0.03
11.95- 12.15	1	3	0.01	0.03
11.75- 11.95	0	2	0.00	0.02
11.55- 11.75	1	2	0.01	0.02
11.35- 11.55	1	1	0.01	0.01

CENTIMETERS

INCHES

15.74 MEAN VALUE 6.20
0.01 SE (MEAN) 0.00
1.02 SD DEVIATION 0.40
0.01 SE (SD DEV) 0.00

SYMMETRY---VETA I = 0.41
KURTOSIS---VETA II = 3.29
COEF. OF VARIATION = 6.48

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS

INCHES

18.47	99TH	7.27
18.11	98TH	7.13
17.89	97TH	7.04
17.58	95TH	6.92
17.12	90TH	6.74
16.81	85TH	6.62
16.58	80TH	6.53
16.39	75TH	6.45
16.22	70TH	6.38
16.06	65TH	6.32
15.92	60TH	6.27
15.79	55TH	6.22
15.66	50TH	6.17
15.53	45TH	6.12
15.41	40TH	6.07
15.29	35TH	6.02
15.16	30TH	5.97
15.03	25TH	5.92
14.88	20TH	5.86
14.72	15TH	5.79
14.52	10TH	5.72
14.23	5TH	5.60
14.04	3RD	5.53
13.90	2RD	5.47
13.67	1ST	5.38



*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

INTERSCYE BREADTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES*	F	CUMF	FPCT	CUMPCT
52.25- 52.75	1	9414	0.01	100.00
51.75- 52.25	0	9413	0.00	99.99
51.25- 51.75	1	9413	0.01	99.99
50.75- 51.25	0	9412	0.00	99.98
50.25- 50.75	0	9412	0.00	99.98
49.75- 50.25	5	9412	0.05	99.98
49.25- 49.75	4	9407	0.04	99.95
48.75- 49.25	9	9403	0.10	99.88
48.25- 48.75	8	9394	0.08	99.79
47.75- 48.25	12	9386	0.13	99.70
47.25- 47.75	15	9374	0.16	99.58
46.75- 47.25	31	9359	0.33	99.42
46.25- 46.75	36	9328	0.38	99.09
45.75- 46.25	58	9292	0.62	98.70
45.25- 45.75	59	9234	0.63	98.09
44.75- 45.25	81	9175	0.86	97.46
44.25- 44.75	106	9094	1.13	96.60
43.75- 44.25	185	8988	1.97	95.47
43.25- 43.75	204	8803	2.17	92.51
42.75- 43.25	349	8599	3.71	91.34
42.25- 42.75	332	8250	3.53	87.64
41.75- 42.25	409	7918	4.34	84.11
41.25- 41.75	477	7509	5.07	79.76
40.75- 41.25	380	7032	4.04	74.70
40.25- 40.75	108	6652	1.15	70.66
39.75- 40.25	1349	6544	14.33	69.51
39.25- 39.75	528	5195	5.71	55.18
38.75- 39.25	721	4657	7.66	49.47
38.25- 38.75	514	3936	5.46	41.81
37.75- 38.25	599	3422	6.36	36.35
37.25- 37.75	442	2823	4.70	29.99
36.75- 37.25	491	2381	5.22	25.29
36.25- 36.75	370	1890	3.93	20.08
35.75- 36.25	344	1520	3.65	16.15
35.25- 35.75	279	1176	2.96	12.49
34.75- 35.25	220	897	2.34	9.53
34.25- 34.75	167	677	1.77	7.19
33.75- 34.25	176	510	1.87	5.42
33.25- 33.75	87	334	0.92	3.55
32.75- 33.25	87	247	0.92	2.62
32.25- 32.75	52	160	0.55	1.70
31.75- 32.25	42	108	0.45	1.15
31.25- 31.75	27	66	0.29	0.70
30.75- 31.25	21	39	0.22	0.41
30.25- 30.75	4	18	0.04	0.19
29.75- 30.25	12	14	0.13	0.15
29.25- 29.75	0	2	0.00	0.02
28.75- 29.25	1	2	0.01	0.02
28.25- 28.75	0	1	0.00	0.01
27.75- 28.25	1	1	0.01	0.01

*IN CENTIMETERS

CENTIMETERS INCHES

39.22 MEAN VALUE 15.44
0.03 SE(MEAN) 0.01
3.03 SD DEVIATION 1.15
0.02 SE(SD DEV) 0.01

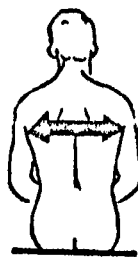
SYMMETRY---VETA I = 0.05
KURTOSIS---VETA II = 3.20
COEF. OF VARIATION = 7.72

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS INCHES

46.68 99TH 18.38
45.62 98TH 17.96
44.99 97TH 17.71
44.18 95TH 17.39
43.01 90TH 16.93
42.27 85TH 16.64
41.69 80TH 16.41
41.20 75TH 16.22
40.76 70TH 16.05
40.36 65TH 15.89
39.98 60TH 15.74
39.61 55TH 15.60
39.24 50TH 15.45
38.88 45TH 15.31
38.50 40TH 15.16
38.11 35TH 15.00
37.69 30TH 14.84
37.24 25TH 14.66
36.72 20TH 14.46
36.12 15TH 14.22
35.35 10TH 13.92
34.20 5TH 13.47
33.45 3RD 13.17
32.91 2RD 12.96
32.06 1ST 12.62



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

INTERSCYE MAXIMUM

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
72.25- 73.25	3	9414	0.03	100.00
71.25- 72.25	1	9411	0.01	99.97
70.25- 71.25	0	9410	0.00	99.96
69.25- 70.25	10	9410	0.11	99.96
68.25- 69.25	7	9400	0.07	99.85
67.25- 68.25	24	9393	0.25	99.78
66.25- 67.25	40	9369	0.42	99.52
65.25- 66.25	50	9329	0.53	99.10
64.25- 65.25	77	9279	0.82	98.57
63.25- 64.25	104	9202	1.10	97.75
62.25- 63.25	243	9098	2.58	96.64
61.25- 62.25	262	8855	2.78	94.06
60.25- 61.25	195	8593	2.07	91.28
59.25- 60.25	920	8398	9.77	89.21
58.25- 59.25	735	7478	7.81	79.43
57.25- 58.25	931	6743	9.89	71.63
56.25- 57.25	936	5812	9.94	61.74
55.25- 56.25	1001	4876	10.63	51.80
54.25- 55.25	867	3875	9.21	41.16
53.25- 54.25	726	3008	7.71	31.95
52.25- 53.25	660	2282	7.01	24.24
51.25- 52.25	528	1622	5.61	17.23
50.25- 51.25	293	1094	3.11	11.62
49.25- 50.25	331	801	3.52	8.51
48.25- 49.25	108	470	1.15	4.99
47.25- 48.25	112	362	1.19	3.85
46.25- 47.25	59	250	0.63	2.66
45.25- 46.25	51	191	0.54	2.03
44.25- 45.25	45	140	0.48	1.49
43.25- 44.25	38	95	0.40	1.01
42.25- 43.25	13	57	0.14	0.61
41.25- 42.25	15	44	0.16	0.47
40.25- 41.25	3	29	0.03	0.31
39.25- 40.25	13	26	0.14	0.28
38.25- 39.25	12	13	0.13	0.14
37.25- 38.25	1	1	0.01	0.01



THE SUMMARY STATISTICS

CENTIMETERS	INCHES
55.98 MEAN VALUE	22.04
0.04 SE(MEAN)	0.02
4.19 SD DEVIATION	1.65
0.03 SE(SD DEV)	0.01

SYMMETRY--VETA I = -0.28
KURTOSIS--VETA II = 4.05
COEF. OF VARIATION = 7.48

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS		INCHES
66.01	99TH	25.99
64.54	98TH	25.41
63.66	97TH	25.06
62.54	95TH	24.62
60.94	90TH	23.99
59.93	85TH	23.60
59.17	80TH	23.30
58.54	75TH	23.05
57.98	70TH	22.83
57.47	65TH	22.63
56.99	60TH	22.44
56.53	55TH	22.25
56.07	50TH	22.07
55.60	45TH	21.89
55.13	40TH	21.71
54.63	35TH	21.51
54.10	30TH	21.30
53.50	25TH	21.06
52.80	20TH	20.79
51.94	15TH	20.45
50.78	10TH	19.99
48.85	5TH	19.23
47.44	3RD	18.68
46.30	2RD	18.25
44.32	1ST	17.45

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....
SLEEVE INSEAM

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES*	F	CUMF	FPCT	CUMFCT
58.25- 58.75	1	9414	0.01	100.00
57.75- 58.25	1	9413	0.01	99.99
57.25- 57.75	0	9412	0.00	99.98
56.75- 57.25	0	9412	0.00	99.98
56.25- 56.75	0	9412	0.00	99.98
55.75- 56.25	0	9412	0.00	99.98
55.25- 55.75	2	9412	0.02	99.98
54.75- 55.25	4	9410	0.04	99.96
54.25- 54.75	5	9406	0.05	99.91
53.75- 54.25	8	9401	0.08	99.86
53.25- 53.75	10	9393	0.11	99.78
52.75- 53.25	19	9383	0.20	99.67
52.25- 52.75	31	9364	0.33	99.47
51.75- 52.25	64	9333	0.68	99.14
51.25- 51.75	93	9269	0.99	98.46
50.75- 51.25	103	9176	1.09	97.47
50.25- 50.75	62	9073	0.66	96.38
49.75- 50.25	519	9011	5.51	95.72
49.25- 49.75	319	8492	3.39	90.21
48.75- 49.25	520	8173	5.52	86.82
48.25- 48.75	575	7653	6.11	81.29
47.75- 48.25	735	7078	7.81	75.19
47.25- 47.75	715	6343	7.60	67.38
46.75- 47.25	750	5628	7.97	59.78
46.25- 46.75	775	4878	8.23	51.82
45.75- 46.25	897	4103	9.53	43.58
45.25- 45.75	721	3206	7.66	34.06
44.75- 45.25	642	2485	6.82	26.40
44.25- 44.75	500	1843	5.31	19.58
43.75- 44.25	464	1343	4.93	14.27
43.25- 43.75	266	879	2.83	9.34
42.75- 43.25	239	613	2.54	6.51
42.25- 42.75	120	374	1.27	3.97
41.75- 42.25	94	254	1.00	2.70
41.25- 41.75	56	160	0.59	1.70
40.75- 41.25	42	104	0.45	1.10
40.25- 40.75	9	62	0.10	0.66
39.75- 40.25	34	53	0.36	0.56
39.25- 39.75	5	19	0.05	0.20
38.75- 39.25	10	14	0.11	0.15
38.25- 38.75	3	4	0.03	0.04
37.75- 38.25	0	1	0.00	0.01
37.25- 37.75	1	1	0.01	0.01

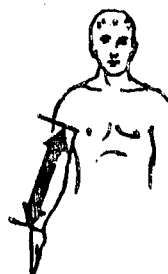
CENTIMETERS	INCHES
46.67	MEAN VALUE 18.37
0.02	SE (MEAN) 0.01
2.30	SD DEVIATION 0.91
0.02	SE (SD DEV) 0.01

SYMMETRY---VETA I = 0.02
KURTOSIS---VETA II = 3.29
COEF. OF VARIATION = 4.94

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS	INCHES
52.11	99TH 20.52
51.46	98TH 20.26
51.04	97TH 20.09
50.47	95TH 19.87
49.61	90TH 19.53
49.04	85TH 19.31
48.59	80TH 19.13
48.20	75TH 18.98
47.86	70TH 18.84
47.55	65TH 18.72
47.25	60TH 18.60
46.96	55TH 18.49
46.68	50TH 18.38
46.40	45TH 18.27
46.11	40TH 18.15
45.81	35TH 18.04
45.50	30TH 17.91
45.17	25TH 17.78
44.79	20TH 17.63
44.34	15TH 17.46
43.78	10TH 17.23
42.91	5TH 16.89
42.33	3RD 16.67
41.89	2RD 16.49
41.18	1ST 16.21



*IN CENTIMETERS

II-243

TOTAL SERIES

VARIABLE 36

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SLEEVE LENGTH (SPINE TO WRIST)

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
82.15	MEAN VALUE	32.34
0.04	SE (MEAN)	0.01
3.50	SD DEVIATION	1.38
0.03	SE (SD DEV)	0.01

RANGES*	F	CUMF	FPCT	CUMFCT
98.25- 99.25	1	9414	0.01	100.00
97.25- 98.25	0	9413	0.00	99.99
96.25- 97.25	1	9413	0.01	99.99
95.25- 96.25	3	9412	0.03	99.98
94.25- 95.25	2	9409	0.02	99.95
93.25- 94.25	9	9407	0.10	99.93
92.25- 93.25	15	9398	0.16	99.83
91.25- 92.25	21	9383	0.22	99.67
90.25- 91.25	19	9362	0.20	99.45
89.25- 90.25	131	9343	1.39	99.25
88.25- 89.25	185	9212	1.97	97.85
87.25- 88.25	294	9027	3.12	95.89
86.25- 87.25	446	8733	4.74	92.77
85.25- 86.25	622	8287	6.61	88.03
84.25- 85.25	862	7665	9.16	81.42
83.25- 84.25	878	6803	9.33	72.26
82.25- 83.25	1078	5925	11.45	62.94
81.25- 82.25	1140	4847	12.11	51.49
80.25- 81.25	631	3707	6.70	39.38
79.25- 80.25	1245	3076	13.22	32.67
78.25- 79.25	586	1831	6.22	19.45
77.25- 78.25	537	1245	5.70	13.22
76.25- 77.25	288	708	3.06	7.52
75.25- 76.25	183	420	1.94	4.46
74.25- 75.25	103	237	1.09	2.52
73.25- 74.25	69	134	0.73	1.42
72.25- 73.25	38	65	0.40	0.69
71.25- 72.25	12	27	0.13	0.29
70.25- 71.25	7	15	0.07	0.16
69.25- 70.25	7	8	0.07	0.08
68.25- 69.25	1	1	0.01	0.01

SYMMETRY---VETA I = 0.02
KURTOSIS---VETA II = 3.20
COEF. OF VARIATION = 4.27

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS		INCHES
90.09	99TH	35.47
89.32	98TH	35.16
88.78	97TH	34.95
88.00	95TH	34.64
86.72	90TH	34.14
85.83	85TH	33.79
85.12	80TH	33.51
84.51	75TH	33.27
83.96	70TH	33.06
83.46	65TH	32.86
82.98	60TH	32.67
82.53	55TH	32.49
82.08	50TH	32.32
81.64	45TH	32.14
81.19	40TH	31.97
80.74	35TH	31.79
80.26	30TH	31.60
79.75	25TH	31.40
79.18	20TH	31.17
78.51	15TH	30.91
77.67	10TH	30.58
76.38	5TH	30.07
75.49	3RD	29.72
74.81	2RD	29.45
73.67	1ST	29.00

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HEAD CIRCUMFERENCE

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS

INCHES

55.29 MEAN VALUE 21.77
0.02 SE (MEAN) 0.01
1.56 SD DEVIATION 0.61
0.01 SE (SD DEV) 0.00

SYMMETRY---VETA I = 0.08
KURTOSIS---VETA II = 3.04
COEF. OF VARIATION = 2.82

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS

INCHES

58.97	99TH	23.22
58.55	98TH	23.05
58.27	97TH	22.94
57.89	95TH	22.79
57.30	90TH	22.56
56.90	85TH	22.40
56.59	80TH	22.28
56.32	75TH	22.17
56.08	70TH	22.08
55.86	65TH	21.99
55.65	60TH	21.91
55.45	55TH	21.83
55.25	50TH	21.75
55.06	45TH	21.68
54.86	40TH	21.60
54.66	35TH	21.52
54.45	30TH	21.44
54.22	25TH	21.35
53.97	20TH	21.25
53.68	15TH	21.13
53.31	10TH	20.99
52.75	5TH	20.77
52.39	3RD	20.62
52.11	2RD	20.52
51.67	1ST	20.34



RANGES*	F	CUMF	FPCT	CUMPT
61.35- 61.65	3	9414	0.03	100.00
61.05- 61.35	0	9411	0.00	99.97
60.75- 61.05	3	9411	0.03	99.97
60.45- 60.75	6	9408	0.06	99.94
60.15- 60.45	0	9402	0.00	99.87
59.85- 60.15	15	9402	0.16	99.87
59.55- 59.85	1	9387	0.01	99.71
59.25- 59.55	24	9386	0.25	99.70
58.95- 59.25	74	9362	0.79	99.45
58.65- 58.95	3	9288	0.03	98.66
58.35- 58.65	149	9285	1.58	98.63
58.05- 58.35	3	9136	0.03	97.05
57.75- 58.05	301	9133	3.20	97.02
57.45- 57.75	404	8832	4.29	93.82
57.15- 57.45	21	8428	0.22	89.53
56.85- 57.15	630	8407	6.69	89.30
56.55- 56.85	47	7777	0.50	82.61
56.25- 56.55	780	7730	8.29	82.11
55.95- 56.25	1096	6950	11.64	73.83
55.65- 55.95	61	5854	0.65	62.18
55.35- 55.65	1049	5793	11.14	61.54
55.05- 55.35	56	4744	0.59	50.39
54.75- 55.05	1273	4688	13.52	49.80
54.45- 54.75	972	3415	10.33	36.28
54.15- 54.45	43	2443	0.46	25.95
53.85- 54.15	915	2400	9.72	25.49
53.55- 53.85	49	1485	0.52	15.77
53.25- 53.55	572	1436	6.08	15.25
52.95- 53.25	434	864	4.61	9.18
52.65- 52.95	12	430	0.13	4.57
52.35- 52.65	195	418	2.07	4.44
52.05- 52.35	4	223	0.04	2.37
51.75- 52.05	108	219	1.15	2.33
51.45- 51.75	68	111	0.72	1.18
51.15- 51.45	4	43	0.04	0.46
50.85- 51.15	29	39	0.31	0.41
50.55- 50.85	0	10	0.00	0.11
50.25- 50.55	8	10	0.08	0.11
49.95- 50.25	2	2	0.02	0.02

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR NECK CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMFCT
44.75- 45.25	1	9414	0.01	100.00
44.25- 44.75	5	9413	0.05	99.99
43.75- 44.25	5	9408	0.05	99.94
43.25- 43.75	4	9403	0.04	99.88
42.75- 43.25	7	9399	0.07	99.84
42.25- 42.75	8	9392	0.08	99.77
41.75- 42.25	43	9384	0.46	99.68
41.25- 41.75	27	9341	0.29	99.22
40.75- 41.25	82	9314	0.87	98.94
40.25- 40.75	73	9232	0.78	98.07
39.75- 40.25	204	9159	2.17	97.29
39.25- 39.75	182	8955	1.93	95.12
38.75- 39.25	358	8773	3.80	93.19
38.25- 38.75	292	8415	3.10	89.39
37.75- 38.25	703	8123	7.47	86.29
37.25- 37.75	616	7420	6.54	78.82
36.75- 37.25	1033	6804	10.97	72.28
36.25- 36.75	852	5771	9.05	61.30
35.75- 36.25	1301	4919	13.82	52.25
35.25- 35.75	913	3618	9.70	38.43
34.75- 35.25	986	2705	10.47	28.73
34.25- 34.75	559	1719	5.94	18.26
33.75- 34.25	603	1160	6.41	12.32
33.25- 33.75	227	557	2.41	5.92
32.75- 33.25	201	330	2.14	3.51
32.25- 32.75	63	129	0.67	1.37
31.75- 32.25	38	66	0.40	0.70
31.25- 31.75	15	28	0.16	0.30
30.75- 31.25	10	13	0.11	0.14
30.25- 30.75	0	3	0.00	0.03
29.75- 30.25	3	3	0.03	0.03



CENTIMETERS

INCHES

36.34 MEAN VALUE 14.31
0.02 SE(MEAN) 0.01
1.86 SD DEVIATION 0.73
0.01 SE(SD DEV) 0.01

SYMMETRY---VETA I = 0.46
KURTOSIS---VETA II = 3.60
COEF. OF VARIATION = 5.12

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS

INCHES

41.39	99TH	16.29
40.67	98TH	16.01
40.22	97TH	15.84
39.64	95TH	15.61
38.79	90TH	15.27
38.24	85TH	15.06
37.83	80TH	14.89
37.48	75TH	14.76
37.18	70TH	14.64
36.91	65TH	14.53
36.66	60TH	14.43
36.43	55TH	14.34
36.20	50TH	14.25
35.98	45TH	14.17
35.76	40TH	14.08
35.54	35TH	13.99
35.31	30TH	13.90
35.06	25TH	13.80
34.79	20TH	13.70
34.49	15TH	13.58
34.11	10TH	13.43
33.55	5TH	13.21
33.18	3RD	13.06
32.90	2RD	12.95
32.45	1ST	12.77

*IN CENTIMETERS

II-246

TOTAL SERIES

VARIABLE 30

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 SHOULDER CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
146.75-148.25	1	9414	0.01	100.00
145.25-146.75	0	9413	0.00	99.99
143.75-145.25	0	9413	0.00	99.99
142.25-143.75	1	9413	0.01	99.99
140.75-142.25	2	9412	0.02	99.98
139.25-140.75	2	9410	0.02	99.96
137.75-139.25	2	9408	0.02	99.94
136.25-137.75	2	9406	0.02	99.91
134.75-136.25	3	9404	0.03	99.89
133.25-134.75	9	9401	0.10	99.86
131.75-133.25	11	9392	0.12	99.77
130.25-131.75	21	9381	0.22	99.65
128.75-130.25	28	9360	0.30	99.43
127.25-128.75	47	9332	0.50	99.13
125.75-127.25	46	9285	0.49	98.63
124.25-125.75	54	9239	0.57	98.14
122.75-124.25	90	9185	0.96	97.57
121.25-122.75	94	9095	1.00	96.61
119.75-121.25	168	9001	1.78	95.61
118.25-119.75	155	8833	1.65	93.83
116.75-118.25	248	8678	2.63	92.18
115.25-116.75	293	8430	3.11	89.55
113.75-115.25	432	8137	4.59	86.44
112.25-113.75	571	7705	6.07	81.85
110.75-112.25	848	7134	9.01	75.78
109.25-110.75	931	6286	9.89	66.77
107.75-109.25	1032	5355	10.96	56.88
106.25-107.75	967	4323	10.27	45.92
104.75-106.25	1022	3356	10.86	35.65
103.25-104.75	740	2334	7.86	24.79
101.75-103.25	705	1594	7.49	16.93
100.25-101.75	292	889	3.10	9.44
98.75-100.25	358	597	3.80	6.34
97.25- 98.75	104	239	1.10	2.54
95.75- 97.25	76	135	0.81	1.43
94.25- 95.75	31	59	0.33	0.63
92.75- 94.25	19	28	0.20	0.30
91.25- 92.75	6	9	0.06	0.10
89.75- 91.25	2	3	0.02	0.03
88.25- 89.75	1	1	0.01	0.01



CENTIMETERS		INCHES
108.93	MEAN VALUE	42.89
0.06	SE (MEAN)	0.03
6.31	SD DEVIATION	2.48
0.05	SE (SD DEV)	0.02

SYMMETRY---VETA I = 0.84
 KURTOSIS---VETA II = 4.62
 COEF. OF VARIATION = 5.79

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS		INCHES
128.67	99TH	50.66
125.14	98TH	49.27
123.10	97TH	48.47
120.55	95TH	47.46
117.09	90TH	46.10
115.03	85TH	45.29
113.54	80TH	44.70
112.34	75TH	44.23
111.32	70TH	43.83
110.44	65TH	43.48
109.63	60TH	43.16
108.89	55TH	42.87
108.18	50TH	42.59
107.49	45TH	42.32
106.82	40TH	42.05
106.14	35TH	41.79
105.44	30TH	41.51
104.71	25TH	41.22
103.90	20TH	40.90
102.97	15TH	40.54
101.80	10TH	40.08
100.03	5TH	39.38
98.84	3RD	38.91
97.93	2RD	38.56
96.43	1ST	37.97

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

CHEST CIRCUMFERENCE

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS INCHES
90.37 MEAN VALUE 35.58
0.06 SE(MEAN) 0.02
5.46 SD DEVIATION 2.15
0.04 SE(SD DEV) 0.02

SYMMETRY---VETA I = 0.72
KURTOSIS---VETA II = 4.47
COEF. OF VARIATION = 6.04

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS		INCHES
107.07	99TH	42.15
104.08	98TH	40.98
102.37	97TH	40.30
100.24	95TH	39.46
97.37	90TH	38.33
95.66	85TH	37.66
94.43	80TH	37.18
93.42	75TH	36.78
92.57	70TH	36.45
91.82	65TH	36.15
91.13	60TH	35.88
90.49	55TH	35.62
89.86	50TH	35.38
89.26	45TH	35.14
88.66	40TH	34.90
88.05	35TH	34.66
87.41	30TH	34.41
86.73	25TH	34.15
85.98	20TH	33.85
85.12	15TH	33.51
84.02	10TH	33.08
82.38	5TH	32.43
81.30	3RD	32.01
80.50	2RD	31.69
79.23	1ST	31.19



RANGES*	F	CUMF	FPCT	CUMPCT
123.75-125.25	1	9414	0.01	100.00
122.25-123.75	0	9413	0.00	99.99
120.75-122.25	2	9413	0.02	99.99
119.25-120.75	0	9411	0.00	99.97
117.75-119.25	0	9411	0.00	99.97
116.25-117.75	1	9411	0.01	99.97
114.75-116.25	1	9410	0.01	99.96
113.25-114.75	6	9409	0.06	99.95
111.75-113.25	9	9403	0.10	99.88
110.25-111.75	7	9394	0.07	99.79
108.75-110.25	28	9387	0.30	99.71
107.25-108.75	26	9359	0.28	99.42
105.75-107.25	57	9333	0.61	99.14
104.25-105.75	48	9276	0.51	98.53
102.75-104.25	79	9228	0.84	98.02
101.25-102.75	112	9149	1.19	97.19
99.75-101.25	168	9037	1.78	96.00
98.25- 99.75	176	8869	1.87	94.21
96.75- 98.25	318	8693	3.38	92.34
95.25- 96.75	418	8375	4.44	88.96
93.75- 95.25	701	7957	7.45	84.52
92.25- 93.75	870	7256	9.24	77.08
90.75- 92.25	1065	6386	11.31	67.84
89.25- 90.75	1065	5321	11.31	56.52
87.75- 89.25	1273	4256	13.52	45.21
86.25- 87.75	915	2983	9.72	31.69
84.75- 86.25	850	2068	9.03	21.97
83.25- 84.75	526	1218	5.59	12.94
81.75- 83.25	362	692	3.85	7.35
80.25- 81.75	174	330	1.85	3.51
78.75- 80.25	91	156	0.97	1.66
77.25- 78.75	37	65	0.39	0.69
75.75- 77.25	19	28	0.20	0.30
74.25- 75.75	8	9	0.08	0.10
72.75- 74.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES

***** WAIST CIRCUMFERENCE

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
77.53 MEAN VALUE	30.53
0.07 SE (MEAN)	0.03
6.71 SD DEVIATION	2.64
0.05 SE (SD DEV)	0.02

SYMMETRY---VETA I = 0.88
KURTOSIS---VETA II = 4.57
COEF. OF VARIATION = 8.66

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS	INCHES
99.08 99TH	39.01
95.11 98TH	37.44
92.83 97TH	36.55
90.02 95TH	35.44
86.26 90TH	33.96
84.04 85TH	33.09
82.44 80TH	32.46
81.16 75TH	31.95
80.08 70TH	31.53
79.13 65TH	31.15
78.27 60TH	30.81
77.47 55TH	30.50
76.71 50TH	30.20
75.97 45TH	29.91
75.25 40TH	29.62
74.52 35TH	29.34
73.77 30TH	29.04
72.98 25TH	28.73
72.11 20TH	28.36
71.13 15TH	28.00
69.90 10TH	27.52
68.10 5TH	26.81
66.94 3RD	26.35
66.09 2RD	26.02
64.76 1ST	25.49



RANGES*	F	CUMF	FPCT	CUMFCT
112.25-113.75	1	9414	0.01	100.00
110.75-112.25	0	9413	0.00	99.99
109.25-110.75	1	9413	0.01	99.99
107.75-109.25	5	9412	0.05	99.98
106.25-107.75	6	9407	0.06	99.93
104.75-106.25	6	9401	0.06	99.86
103.25-104.75	8	9395	0.08	99.80
101.75-103.25	21	9387	0.22	99.71
100.25-101.75	10	9366	0.11	99.49
98.75-100.25	35	9356	0.37	99.38
97.25- 98.75	32	9321	0.34	99.01
95.75- 97.25	55	9289	0.58	98.67
94.25- 95.75	59	9234	0.63	98.09
92.75- 94.25	61	9175	0.65	97.46
91.25- 92.75	68	9114	0.72	96.81
89.75- 91.25	125	9046	1.33	96.09
88.25- 89.75	115	8921	1.22	94.76
86.75- 88.25	208	8806	2.21	93.54
85.25- 86.75	222	8598	2.36	91.33
83.75- 85.25	409	8376	4.34	88.97
82.25- 83.75	401	7967	4.26	84.63
80.75- 82.25	675	7566	7.17	80.37
79.25- 80.75	729	6891	7.74	73.20
77.75- 79.25	892	6162	9.48	65.46
76.25- 77.75	911	5270	9.68	55.98
74.75- 76.25	974	4359	10.35	46.30
73.25- 74.75	829	3385	8.81	35.96
71.75- 73.25	853	2556	9.06	27.15
70.25- 71.75	581	1703	6.17	18.09
68.75- 70.25	561	1122	5.96	11.92
67.25- 68.75	244	561	2.59	5.96
65.75- 67.25	174	317	1.85	3.37
64.25- 65.75	72	143	0.76	1.52
62.75- 64.25	52	71	0.55	0.75
61.25- 62.75	13	19	0.14	0.20
59.75- 61.25	5	6	0.05	0.06
58.25- 59.75	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

..... HIP CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
124.25-125.25	1	9414	0.01	100.00
123.25-124.25	0	9413	0.00	99.99
122.25-123.25	0	9413	0.00	99.99
121.25-122.25	0	9413	0.00	99.99
120.25-121.25	0	9413	0.00	99.99
119.25-120.25	0	9413	0.00	99.99
118.25-119.25	0	9413	0.00	99.99
117.25-118.25	0	9413	0.00	99.99
116.25-117.25	0	9413	0.00	99.99
115.25-116.25	0	9413	0.00	99.99
114.25-115.25	0	9413	0.00	99.99
113.25-114.25	2	9413	0.02	99.99
112.25-113.25	6	9411	0.06	99.97
111.25-112.25	2	9405	0.02	99.90
110.25-111.25	4	9403	0.04	99.88
109.25-110.25	6	9399	0.06	99.84
108.25-109.25	4	9393	0.04	99.78
107.25-108.25	12	9389	0.13	99.73
106.25-107.25	27	9377	0.29	99.61
105.25-106.25	28	9350	0.30	99.32
104.25-105.25	36	9322	0.38	99.02
103.25-104.25	49	9286	0.52	98.64
102.25-103.25	52	9237	0.55	98.12
101.25-102.25	92	9185	0.98	97.57
100.25-101.25	57	9093	0.61	96.59
99.25-100.25	197	9036	2.09	95.98
98.25-99.25	222	8839	2.36	93.89
97.25-98.25	268	8617	2.85	91.53
96.25-97.25	357	8349	3.79	88.69
95.25-96.25	423	7992	4.49	84.89
94.25-95.25	536	7569	5.69	80.40
93.25-94.25	685	7033	7.28	74.71
92.25-93.25	787	6348	8.36	67.43
91.25-92.25	831	5561	8.83	59.07
90.25-91.25	838	4730	8.90	50.24
89.25-90.25	864	3892	9.13	41.34
88.25-89.25	738	3028	7.84	32.16
87.25-88.25	632	2290	6.71	24.33
86.25-87.25	509	1658	5.41	17.61
85.25-86.25	400	1149	4.25	12.21
84.25-85.25	299	749	3.18	7.96
83.25-84.25	186	450	1.98	4.78
82.25-83.25	115	264	1.22	2.80
81.25-82.25	76	149	0.81	1.58
80.25-81.25	36	73	0.38	0.78
79.25-80.25	25	37	0.27	0.39
78.25-79.25	5	12	0.05	0.13
77.25-78.25	5	7	0.05	0.07
76.25-77.25	1	2	0.01	0.02
75.25-76.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS INCHES

91.63 MEAN VALUE 36.07
0.05 SE (MEAN) 0.02
4.79 SD DEVIATION 1.89
0.03 SE (SD DEV) 0.01

SYMMETRY---VETA I = 0.54
KURTOSIS---VETA II = 4.01
COEF. OF VARIATION = 5.23

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS INCHES

105.24	99TH	41.43
102.94	98TH	40.53
101.61	97TH	40.00
99.94	95TH	39.35
97.64	90TH	38.44
96.24	85TH	37.89
95.21	80TH	37.48
94.35	75TH	37.15
93.62	70TH	36.86
92.96	65TH	36.60
92.35	60TH	36.36
91.77	55TH	36.13
91.21	50TH	35.91
90.66	45TH	35.69
90.11	40TH	35.47
89.54	35TH	35.25
88.95	30TH	35.02
88.32	25TH	34.77
87.61	20TH	34.49
86.80	15TH	34.17
85.78	10TH	33.77
84.28	5TH	33.18
83.32	3RD	32.80
82.61	2RD	32.53
81.53	1ST	32.10



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 VERTICAL TRUNK CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF.	FPCT	CUMPCT
194.25-195.75	1	9414	0.01	100.00
192.75-194.25	1	9413	0.01	99.99
191.25-192.75	0	9412	0.00	99.98
189.75-191.25	0	9412	0.00	99.98
188.25-189.75	0	9412	0.00	99.98
186.75-188.25	2	9412	0.02	99.98
185.25-186.75	0	9410	0.00	99.96
183.75-185.25	6	9410	0.06	99.96
182.25-183.75	3	9404	0.03	99.89
180.75-182.25	8	9401	0.08	99.86
179.25-180.75	12	9393	0.13	99.78
177.75-179.25	10	9381	0.11	99.65
176.25-177.75	23	9371	0.24	99.54
174.75-176.25	21	9348	0.22	99.30
173.25-174.75	33	9327	0.35	99.08
171.75-173.25	66	9294	0.70	98.73
170.25-171.75	70	9228	0.74	98.02
168.75-170.25	107	9158	1.14	97.28
167.25-168.75	153	9051	1.63	96.14
165.75-167.25	204	8898	2.17	94.52
164.25-165.75	228	8694	2.42	92.35
162.75-164.25	335	8466	3.56	89.93
161.25-162.75	391	8131	4.15	86.37
159.75-161.25	590	7740	6.27	82.22
158.25-159.75	523	7150	5.56	75.95
156.75-158.25	721	6627	7.66	70.40
155.25-156.75	721	5906	7.66	62.74
153.75-155.25	853	5185	9.06	55.08
152.25-153.75	768	4332	8.16	46.02
150.75-152.25	794	3564	8.43	37.86
149.25-150.75	621	2770	6.60	29.42
147.75-149.25	659	2149	7.00	22.83
146.25-147.75	394	1490	4.19	15.83
144.75-146.25	405	1096	4.30	11.64
143.25-144.75	243	691	2.58	7.34
141.75-143.25	181	448	1.92	4.76
140.25-141.75	84	267	0.89	2.84
138.75-140.25	89	183	0.95	1.94
137.25-138.75	39	94	0.41	1.00
135.75-137.25	25	55	0.27	0.58
134.25-135.75	12	30	0.13	0.32
132.75-134.25	9	18	0.10	0.19
131.25-132.75	7	9	0.07	0.10
129.75-131.25	2	2	0.02	0.02

CENTIMETERS	INCHES
154.80	MEAN VALUE 60.94
0.08	SE (MEAN) 0.03
7.43	SD DEVIATION 2.92
0.05	SE (SD DEV) 0.02

SYMMETRY---VETA I = 0.37
 KURTOSIS---VETA II = 3.62
 COEF. OF VARIATION = 4.80

NUMBER OF SUBJECTS = 9414.



THE PERCENTILES

CENTIMETERS	INCHES
174.48	99TH 68.69
171.62	98TH 67.57
169.89	97TH 66.89
167.64	95TH 66.00
164.37	90TH 64.71
162.29	85TH 63.89
160.71	80TH 63.27
159.39	75TH 62.75
158.23	70TH 62.30
157.19	65TH 61.89
156.22	60TH 61.50
155.30	55TH 61.14
154.40	50TH 60.79
153.52	45TH 60.44
152.64	40TH 60.09
151.74	35TH 59.74
150.79	30TH 59.37
149.79	25TH 58.97
148.67	20TH 58.53
147.38	15TH 58.02
145.76	10TH 57.38
143.34	5TH 56.43
141.75	3RD 55.81
140.57	2RD 55.34
138.67	1ST 54.59

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

ARMSYE CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
58.25- 59.25	1	9414	0.01	100.00
57.25- 58.25	1	9413	0.01	99.99
56.25- 57.25	2	9412	0.02	99.98
55.25- 56.25	6	9410	0.06	99.96
54.25- 55.25	7	9404	0.07	99.89
53.25- 54.25	16	9397	0.17	99.82
52.25- 53.25	29	9381	0.31	99.65
51.25- 52.25	28	9352	0.30	99.34
50.25- 51.25	55	9324	0.58	99.04
49.25- 50.25	98	9269	1.04	98.46
48.25- 49.25	135	9171	1.43	97.42
47.25- 48.25	171	9036	1.82	95.98
46.25- 47.25	240	8865	2.55	94.17
45.25- 46.25	331	8625	3.52	91.62
44.25- 45.25	510	8294	5.42	88.10
43.25- 44.25	673	7784	7.15	82.69
42.25- 43.25	904	7111	9.60	75.54
41.25- 42.25	1127	6207	11.97	65.93
40.25- 41.25	1305	5080	13.86	53.96
39.25- 40.25	1400	3775	14.87	40.10
38.25- 39.25	902	2375	9.58	25.23
37.25- 38.25	669	1473	7.11	15.65
36.25- 37.25	433	804	4.60	8.54
35.25- 36.25	196	371	2.08	3.94
34.25- 35.25	105	175	1.12	1.86
33.25- 34.25	39	70	0.41	0.74
32.25- 33.25	18	31	0.19	0.33
31.25- 32.25	8	13	0.08	0.14
30.25- 31.25	3	5	0.03	0.05
29.25- 30.25	2	2	0.02	0.02



CENTIMETERS INCHES

41.55	MEAN VALUE	16.36
0.03	SE (MEAN)	0.01
3.38	SD DEVIATION	1.33
0.02	SE (SD DEV)	0.01

SYMMETRY---	VETA I =	0.68
KURTOSIS---	VETA II =	4.12
COEF. OF VARIATION	=	8.15

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS INCHES

51.31	99TH	20.20
49.76	98TH	19.59
48.81	97TH	19.22
47.59	95TH	18.73
45.83	90TH	18.04
44.74	85TH	17.61
43.93	80TH	17.30
43.27	75TH	17.04
42.71	70TH	16.82
42.22	65TH	16.67
41.78	60TH	16.45
41.36	55TH	16.28
40.97	50TH	16.13
40.59	45TH	15.98
40.22	40TH	15.84
39.85	35TH	15.69
39.48	30TH	15.54
39.08	25TH	15.39
38.65	20TH	15.22
38.16	15TH	15.02
37.53	10TH	14.78
36.57	5TH	14.40
35.88	3RD	14.13
35.34	2RD	13.91
34.36	1ST	13.54

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

..... UPPER ARM CIRCUMFERENCE, RELAXED

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES*	F	CUMF	FPCT	CUMFCT
38.25- 38.75	1	9414	0.01	100.00
37.75- 38.25	0	9413	0.00	99.99
37.25- 37.75	1	9413	0.01	99.99
36.75- 37.25	0	9412	0.00	99.98
36.25- 36.75	1	9412	0.01	99.98
35.75- 36.25	4	9411	0.04	99.97
35.25- 35.75	2	9407	0.02	99.93
34.75- 35.25	10	9405	0.11	99.90
34.25- 34.75	7	9398	0.07	99.80
33.75- 34.25	17	9388	0.18	99.72
33.25- 33.75	18	9371	0.19	99.54
32.75- 33.25	44	9353	0.47	99.35
32.25- 32.75	30	9309	0.32	98.88
31.75- 32.25	78	9279	0.83	98.57
31.25- 31.75	27	9201	0.29	97.74
30.75- 31.25	137	9174	1.46	97.45
30.25- 30.75	72	9037	0.76	96.00
29.75- 30.25	246	8965	2.61	95.23
29.25- 29.75	101	8719	1.07	92.62
28.75- 29.25	385	8618	4.09	91.54
28.25- 28.75	160	8233	1.70	87.45
27.75- 28.25	649	8073	6.89	85.76
27.25- 27.75	280	7424	2.97	78.86
26.75- 27.25	1093	7144	11.61	75.89
26.25- 26.75	398	6051	4.23	64.28
25.75- 26.25	1293	5653	13.73	60.05
25.25- 25.75	483	4360	5.13	46.31
24.75- 25.25	1298	3877	13.79	41.18
24.25- 24.75	466	2579	4.95	27.40
23.75- 24.25	937	2113	9.95	22.45
23.25- 23.75	269	1176	2.86	12.49
22.75- 23.25	474	907	5.04	9.63
22.25- 22.75	147	433	1.56	4.60
21.75- 22.25	178	286	1.89	3.04
21.25- 21.75	36	108	0.38	1.15
20.75- 21.25	45	72	0.48	0.76
20.25- 20.75	12	27	0.13	0.29
19.75- 20.25	13	15	0.14	0.16
19.25- 19.75	0	2	0.00	0.02
18.75- 19.25	1	2	0.01	0.02
18.25- 18.75	0	1	0.00	0.01
17.75- 18.25	1	1	0.01	0.01

CENTIMETERS

INCHES

26.07 MEAN VALUE 10.26
0.02 SE(MEAN) 0.01
2.30 SD DEVIATION 0.91
0.02 SE(SD DEV) 0.01

SYMMETRY---VETA I = 0.68
KURTOSIS---VETA II = 4.00
COEF. OF VARIATION = 8.83

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS

INCHES

32.96 99TH 12.98
31.78 98TH 12.51
31.08 97TH 12.24
30.22 95TH 11.90
29.03 90TH 11.43
28.30 85TH 11.14
27.78 80TH 10.94
27.35 75TH 10.77
26.98 70TH 10.62
26.65 65TH 10.49
26.36 60TH 10.38
26.08 55TH 10.27
25.81 50TH 10.16
25.55 45TH 10.06
25.30 40TH 9.96
25.04 35TH 9.86
24.77 30TH 9.75
24.49 25TH 9.64
24.17 20TH 9.52
23.82 15TH 9.38
23.38 10TH 9.20
22.73 5TH 8.95
22.31 3RD 8.78
22.00 2RD 8.66
21.52 1ST 8.47



*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

BICEPS CIRCUMFERENCE, FLEXED

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUM PCT
40.75- 41.25	1	9414	0.01	100.00
40.25- 40.75	1	9413	0.01	99.99
39.75- 40.25	1	9412	0.01	99.98
39.25- 39.75	2	9411	0.02	99.97
38.75- 39.25	6	9409	0.06	99.95
38.25- 38.75	5	9403	0.05	99.88
37.75- 38.25	9	9398	0.10	99.83
37.25- 37.75	10	9389	0.11	99.73
36.75- 37.25	21	9379	0.22	99.63
36.25- 36.75	10	9358	0.11	99.41
35.75- 36.25	47	9348	0.50	99.30
35.25- 35.75	38	9301	0.40	98.80
34.75- 35.25	77	9263	0.82	98.40
34.25- 34.75	33	9186	0.35	97.58
33.75- 34.25	117	9153	1.24	97.23
33.25- 33.75	53	9036	0.56	95.98
32.75- 33.25	210	8983	2.23	95.42
32.25- 32.75	85	8773	0.90	93.19
31.75- 32.25	307	8688	3.26	92.29
31.25- 31.75	129	8381	1.37	89.03
30.75- 31.25	571	8252	6.07	87.66
30.25- 30.75	241	7681	2.56	81.59
29.75- 30.25	973	7440	10.34	79.03
29.25- 29.75	280	6467	2.97	68.70
28.75- 29.25	1082	6187	11.49	65.72
28.25- 28.75	399	5105	4.24	54.23
27.75- 28.25	1298	4706	13.79	49.99
27.25- 27.75	410	3408	4.36	36.20
26.75- 27.25	1070	2998	11.37	31.85
26.25- 26.75	305	1928	3.24	20.48
25.75- 26.25	750	1623	7.97	17.24
25.25- 25.75	208	873	2.21	9.27
24.75- 25.25	347	665	3.69	7.06
24.25- 24.75	95	318	1.01	3.38
23.75- 24.25	116	223	1.23	2.37
23.25- 23.75	44	107	0.47	1.14
22.75- 23.25	39	63	0.41	0.67
22.25- 22.75	7	24	0.07	0.25
21.75- 22.25	12	17	0.13	0.18
21.25- 21.75	2	5	0.02	0.05
20.75- 21.25	2	3	0.02	0.03
20.25- 20.75	1	1	0.01	0.01

CENTIMETERS

INCHES

28.64 MEAN VALUE 11.28
 0.03 SE(MEAN) 0.01
 2.51 SD DEVIATION 0.99
 0.02 SE(SD DEV) 0.01

SYMMETRY---VETA I = 0.65
 KURTOSIS---VETA II = 3.98
 COEF. OF VARIATION = 8.77

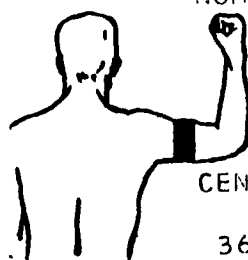
NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS

INCHES

36.06	99TH	14.20
34.84	98TH	13.72
34.11	97TH	13.43
33.19	95TH	13.07
31.90	90TH	12.56
31.12	85TH	12.25
30.54	80TH	12.02
30.06	75TH	11.84
29.66	70TH	11.68
29.30	65TH	11.54
28.98	60TH	11.41
28.67	55TH	11.29
28.38	50TH	11.17
28.09	45TH	11.06
27.82	40TH	10.95
27.53	35TH	10.84
27.25	30TH	10.73
26.94	25TH	10.61
26.60	20TH	10.47
26.22	15TH	10.32
25.73	10TH	10.15
25.01	5TH	9.85
24.53	3RD	9.66
24.16	2RD	9.51
23.56	1ST	9.28



*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

FOREARM CIRCUMFERENCE, FLEXED

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMFCT
33.75- 34.05	6	9414	0.06	100.00
33.45- 33.75	3	9408	0.03	99.94
33.15- 33.45	0	9405	0.00	99.90
32.85- 33.15	13	9405	0.14	99.90
32.55- 32.85	0	9392	0.00	99.77
32.25- 32.55	4	9392	0.04	99.77
31.95- 32.25	36	9388	0.38	99.72
31.65- 31.95	3	9352	0.03	99.34
31.35- 31.65	17	9349	0.18	99.31
31.05- 31.35	7	9332	0.07	99.13
30.75- 31.05	96	9325	1.02	99.05
30.45- 30.75	47	9229	0.50	98.03
30.15- 30.45	17	9182	0.18	97.54
29.85- 30.15	265	9165	2.81	97.36
29.55- 29.85	26	8900	0.28	94.54
29.25- 29.55	93	8874	0.99	94.26
28.95- 29.25	576	8781	5.69	93.28
28.65- 28.95	51	8245	0.54	87.58
28.35- 28.65	224	8194	2.38	87.04
28.05- 28.35	86	7970	0.91	84.66
27.75- 28.05	909	7884	9.66	83.75
27.45- 27.75	431	6975	4.58	74.09
27.15- 27.45	147	6544	1.56	69.51
26.85- 27.15	1303	6397	13.84	67.95
26.55- 26.85	124	5094	1.32	54.11
26.25- 26.55	478	4970	5.08	52.79
25.95- 26.25	1288	4492	13.68	47.72
25.65- 25.95	67	3204	0.71	34.03
25.35- 25.65	478	3137	5.08	33.32
25.05- 25.35	152	2659	1.61	28.25
24.75- 25.05	981	2507	10.42	26.63
24.45- 24.75	338	1526	3.59	16.21
24.15- 24.45	97	1188	1.03	12.62
23.85- 24.15	539	1091	5.73	11.59
23.55- 23.85	35	552	0.37	5.86
23.25- 23.55	143	517	1.54	5.49
22.95- 23.25	218	372	2.32	3.95
22.65- 22.95	12	154	0.13	1.64
22.35- 22.65	46	142	0.49	1.51
22.05- 22.35	7	96	0.07	1.02
21.75- 22.05	47	89	0.50	0.95
21.45- 21.75	16	42	0.17	0.45
21.15- 21.45	2	26	0.02	0.28
20.85- 21.15	15	24	0.16	0.25
20.55- 20.85	1	9	0.01	0.10
20.25- 20.55	5	8	0.05	0.08
19.95- 20.25	2	3	0.02	0.03
19.65- 19.95	0	1	0.00	0.01
19.35- 19.65	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

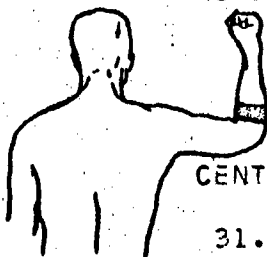
CENTIMETERS	INCHES
26.51	MEAN VALUE 10.44
0.02	SE(MEAN) 0.01
1.90	SD DEVIATION 0.75
0.01	SE(SD DEV) 0.01

SYMMETRY---VETA I = 0.20
KURTOSIS---VETA II = 3.25
COEF. OF VARIATION = 7.15

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS	INCHES
31.11	99TH 12.25
30.58	98TH 12.04
30.23	97TH 11.90
29.76	95TH 11.72
29.01	90TH 11.42
28.51	85TH 11.22
28.11	80TH 11.07
27.77	75TH 10.93
27.47	70TH 10.81
27.19	65TH 10.71
26.94	60TH 10.61
26.69	55TH 10.51
26.45	50TH 10.41
26.21	45TH 10.32
25.97	40TH 10.23
25.73	35TH 10.13
25.48	30TH 10.03
25.21	25TH 9.92
24.91	20TH 9.81
24.57	15TH 9.67
24.15	10TH 9.51
23.53	5TH 9.26
23.12	3RD 9.10
22.83	2RD 8.99
22.35	1ST 8.80



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR WRIST CIRCUMFERENCE

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS

INCHES

16.67 MEAN VALUE 6.56
0.01 SE(MEAN) 0.00
0.93 SD DEVIATION 0.36
0.01 SE(SD DEV) 0.00

SYMMETRY---VETA I = 0.15
KURTOSIS---VETA II = 3.14
COEF. OF VARIATION = 5.55

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS

INCHES

19.03	99TH	7.49
18.68	98TH	7.36
18.48	97TH	7.28
18.22	95TH	7.17
17.84	90TH	7.02
17.60	85TH	6.93
17.42	80TH	6.86
17.27	75TH	6.80
17.13	70TH	6.74
17.01	65TH	6.70
16.89	60TH	6.65
16.78	55TH	6.61
16.67	50TH	6.56
16.56	45TH	6.52
16.45	40TH	6.48
16.33	35TH	6.43
16.21	30TH	6.38
16.08	25TH	6.33
15.93	20TH	6.27
15.76	15TH	6.21
15.55	10TH	6.12
15.22	5TH	5.99
15.00	3RD	5.91
14.85	2RD	5.84
14.60	1ST	5.75



RANGES*	F	CUMF	FPCT	CUMFCT
20.35- 20.55	1	9414	0.01	100.00
20.15- 20.35	0	9413	0.00	99.99
19.95- 20.15	11	9413	0.12	99.99
19.75- 19.95	0	9402	0.00	99.87
19.55- 19.75	1	9402	0.01	99.87
19.35- 19.55	13	9401	0.14	99.86
19.15- 19.35	9	9388	0.10	99.72
18.95- 19.15	144	9379	1.53	99.63
18.75- 18.95	4	9235	0.04	98.10
18.55- 18.75	15	9231	0.16	98.06
18.35- 18.55	125	9216	1.33	97.90
18.15- 18.35	70	9091	0.74	96.57
17.95- 18.15	862	9021	9.16	95.83
17.75- 17.95	70	8159	0.74	86.67
17.55- 17.75	108	8089	1.15	85.93
17.35- 17.55	576	7981	6.12	84.78
17.15- 17.35	318	7405	3.38	78.66
16.95- 17.15	1989	7087	21.13	75.28
16.75- 16.95	241	5098	2.56	54.15
16.55- 16.75	245	4857	2.60	51.59
16.35- 16.55	1104	4612	11.73	48.99
16.15- 16.35	413	3508	4.39	37.26
15.95- 16.15	1674	3095	17.78	32.88
15.75- 15.95	133	1421	1.41	15.09
15.55- 15.75	129	1288	1.37	13.68
15.35- 15.55	470	1159	4.99	12.31
15.15- 15.35	171	689	1.82	7.32
14.95- 15.15	377	518	4.00	5.50
14.75- 14.95	23	141	0.24	1.50
14.55- 14.75	18	118	0.19	1.25
14.35- 14.55	54	100	0.57	1.06
14.15- 14.35	9	46	0.10	0.49
13.95- 14.15	33	37	0.35	0.39
13.75- 13.95	0	4	0.00	0.04
13.55- 13.75	1	4	0.01	0.04
13.35- 13.55	3	3	0.03	0.03

*IN CENTI METERS

II-256

TOTAL SERIES

VARIABLE

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
HAND CIRCUMFERENCE

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES*	F	CUMF	FPCT	CUMPCT
25.95- 26.15	1	9414	0.01	100.00
25.75- 25.95	0	9413	0.00	99.99
25.55- 25.75	0	9413	0.00	99.99
25.35- 25.55	0	9413	0.00	99.99
25.15- 25.35	0	9413	0.00	99.99
24.95- 25.15	5	9413	0.05	99.99
24.75- 24.95	0	9408	0.00	99.94
24.55- 24.75	0	9408	0.00	99.94
24.35- 24.55	7	9408	0.07	99.94
24.15- 24.35	6	9401	0.06	99.86
23.95- 24.15	80	9395	0.85	99.80
23.75- 23.95	2	9315	0.02	98.95
23.55- 23.75	9	9313	0.10	98.93
23.35- 23.55	54	9304	0.57	98.83
23.15- 23.35	19	9250	0.20	98.26
22.95- 23.15	475	9231	5.05	98.06
22.75- 22.95	24	8756	0.25	93.01
22.55- 22.75	32	8732	0.34	92.76
22.35- 22.55	404	8700	4.29	92.42
22.15- 22.35	138	8296	1.47	88.12
21.95- 22.15	1500	8158	15.93	86.66
21.75- 21.95	132	6658	1.40	70.72
21.55- 21.75	111	6526	1.18	69.32
21.35- 21.55	824	6415	8.75	68.14
21.15- 21.35	284	5591	3.02	59.39
20.95- 21.15	2085	5307	22.15	56.37
20.75- 20.95	180	3222	1.91	34.23
20.55- 20.75	164	3042	1.74	32.31
20.35- 20.55	753	2878	8.00	30.57
20.15- 20.35	207	2125	2.20	22.57
19.95- 20.15	1113	1918	11.82	20.37
19.75- 19.95	46	805	0.49	8.55
19.55- 19.75	72	759	0.76	8.06
19.35- 19.55	271	687	2.88	7.30
19.15- 19.35	51	416	0.54	4.42
18.95- 19.15	231	365	2.45	3.88
18.75- 18.95	17	134	0.18	1.42
18.55- 18.75	16	117	0.17	1.24
18.35- 18.55	53	101	0.56	1.07
18.15- 18.35	9	48	0.10	0.51
17.95- 18.15	33	39	0.35	0.41
17.75- 17.95	0	6	0.00	0.06
17.55- 17.75	1	6	0.01	0.06
17.35- 17.55	1	5	0.01	0.05
17.15- 17.35	3	4	0.03	0.04
16.95- 17.15	1	1	0.01	0.01

*IN CENTIMETERS

CENTIMETERS		INCHES
21.13	MEAN VALUE	8.32
0.01	SE (MEAN)	0.00
1.06	SD DEVIATION	0.42
0.01	SE (SD DEV)	0.00

SYMMETRY---VETA I = 0.02
KURTOSIS---VETA II = 3.20
COEF. OF VARIATION = 5.03

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS.		INCHES
23.80	99TH	9.37
23.41	98TH	9.21
23.17	97TH	9.12
22.88	95TH	9.01
22.47	90TH	8.85
22.21	85TH	8.74
22.01	80TH	8.66
21.84	75TH	8.60
21.69	70TH	8.54
21.55	65TH	8.48
21.42	60TH	8.43
21.29	55TH	8.38
21.17	50TH	8.33
21.04	45TH	8.28
20.91	40TH	8.23
20.78	35TH	8.18
20.63	30TH	8.12
20.48	25TH	8.06
20.30	20TH	7.99
20.08	15TH	7.91
19.81	10TH	7.80
19.39	5TH	7.63
19.11	3RD	7.53
18.91	2RD	7.44
18.58	1ST	7.32



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
 CROTCH-THIGH CIRCUMFERENCE

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
52.56 MEAN VALUE	20.69
0.04 SE (MEAN)	0.02
4.19 SD DEVIATION	1.65
0.03 SE (SD DEV)	0.01

SYMMETRY---VETA I = 0.42
 KURTOSIS---VETA II = 3.52
 COEF. OF VARIATION = 7.96

NUMBER OF SUBJECTS = 9413.

THE PERCENTILES

CENTIMETERS	INCHES
63.71 99TH	25.08
62.05 98TH	24.43
61.05 97TH	24.03
59.73 95TH	23.52
57.83 90TH	22.77
56.61 85TH	22.29
55.70 80TH	21.93
54.93 75TH	21.63
54.26 70TH	21.36
53.67 65TH	21.13
53.11 60TH	20.91
52.59 55TH	20.70
52.08 50TH	20.50
51.58 45TH	20.31
51.09 40TH	20.11
50.59 35TH	19.92
50.07 30TH	19.71
49.51 25TH	19.49
48.90 20TH	19.25
48.21 15TH	18.98
47.34 10TH	18.64
46.06 5TH	18.13
45.23 3RD	17.81
44.61 2RD	17.56
43.62 1ST	17.17



RANGES*	F	CUMF	FPCT	CUMPT
71.25- 72.25	1	9413	0.01	100.00
70.25- 71.25	0	9412	0.00	99.99
69.25- 70.25	4	9412	0.04	99.99
68.25- 69.25	3	9408	0.03	99.95
67.25- 68.25	11	9405	0.12	99.91
66.25- 67.25	11	9394	0.12	99.80
65.25- 66.25	17	9383	0.18	99.68
64.25- 65.25	24	9366	0.25	99.50
63.25- 64.25	44	9342	0.47	99.25
62.25- 63.25	52	9298	0.55	98.78
61.25- 62.25	89	9246	0.95	98.23
60.25- 61.25	127	9157	1.35	97.28
59.25- 60.25	174	9030	1.85	95.93
58.25- 59.25	242	8856	2.57	94.08
57.25- 58.25	348	8614	3.70	91.51
56.25- 57.25	445	8266	4.73	87.81
55.25- 56.25	527	7821	5.60	83.09
54.25- 55.25	696	7294	7.39	77.49
53.25- 54.25	834	6598	8.86	70.09
52.25- 53.25	892	5764	9.48	61.23
51.25- 52.25	919	4872	9.76	51.76
50.25- 51.25	925	3953	9.83	42.00
49.25- 50.25	960	3028	10.20	32.17
48.25- 49.25	688	2068	7.31	21.97
47.25- 48.25	474	1380	5.04	14.66
46.25- 47.25	376	906	3.99	9.62
45.25- 46.25	239	530	2.54	5.63
44.25- 45.25	159	291	1.69	3.09
43.25- 44.25	63	132	0.67	1.40
42.25- 43.25	29	69	0.31	0.73
41.25- 42.25	16	40	0.17	0.42
40.25- 41.25	15	24	0.16	0.25
39.25- 40.25	7	9	0.07	0.10
38.25- 39.25	1	2	0.01	0.02
37.25- 38.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 LOWER THIGH CIRCUMFERENCE

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES*	F	CUMF	FPCT	CUMPCT
48.75- 49.25	1	9414	0.01	100.00
48.25- 48.75	1	9413	0.01	99.99
47.75- 48.25	1	9412	0.01	99.98
47.25- 47.75	3	9411	0.03	99.97
46.75- 47.25	8	9408	0.08	99.94
46.25- 46.75	3	9400	0.03	99.85
45.75- 46.25	13	9397	0.14	99.82
45.25- 45.75	4	9384	0.04	99.68
44.75- 45.25	17	9380	0.18	99.64
44.25- 44.75	11	9363	0.12	99.46
43.75- 44.25	37	9352	0.39	99.34
43.25- 43.75	15	9315	0.16	98.95
42.75- 43.25	66	9300	0.70	98.79
42.25- 42.75	27	9234	0.29	98.09
41.75- 42.25	149	9207	1.58	97.80
41.25- 41.75	64	9058	0.68	96.22
40.75- 41.25	259	8994	2.75	95.54
40.25- 40.75	106	8735	1.13	92.79
39.75- 40.25	419	8629	4.45	91.66
39.25- 39.75	170	8210	1.81	87.21
38.75- 39.25	660	8040	7.01	85.40
38.25- 38.75	233	7380	2.48	78.39
37.75- 38.25	923	7147	9.80	75.92
37.25- 37.75	350	6224	3.72	66.11
36.75- 37.25	1096	5874	11.64	62.40
36.25- 36.75	318	4778	3.38	50.75
35.75- 36.25	1139	4460	12.10	47.38
35.25- 35.75	319	3321	3.39	35.28
34.75- 35.25	954	3002	10.13	31.89
34.25- 34.75	326	2048	3.46	21.75
33.75- 34.25	703	1722	7.47	18.29
33.25- 33.75	180	1019	1.91	10.82
32.75- 33.25	369	839	3.92	8.91
32.25- 32.75	104	470	1.10	4.99
31.75- 32.25	187	366	1.99	3.89
31.25- 31.75	40	179	0.42	1.90
30.75- 31.25	72	139	0.76	1.48
30.25- 30.75	21	67	0.22	0.71
29.75- 30.25	33	46	0.35	0.49
29.25- 29.75	4	13	0.04	0.14
28.75- 29.25	2	9	0.02	0.10
28.25- 28.75	1	7	0.01	0.07
27.75- 28.25	5	6	0.05	0.06
27.25- 27.75	0	1	0.00	0.01
26.75- 27.25	0	1	0.00	0.01
26.25- 26.75	1	1	0.01	0.01

CENTIMETERS	INCHES
36.70	MEAN VALUE 14.45
0.03	SE(MEAN) 0.01
2.63	SD DEVIATION 1.04
0.02	SE(SD DEV) 0.01

SYMMETRY---VETA I = 0.36
 KURTOSIS---VETA II = 3.56
 COEF. OF VARIATION = 7.18

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS	INCHES
43.75	99TH 17.22
42.66	98TH 16.80
42.02	97TH 16.54
41.19	95TH 16.22
40.03	90TH 15.76
39.30	85TH 15.47
38.75	80TH 15.25
38.29	75TH 15.07
37.89	70TH 14.92
37.53	65TH 14.77
37.19	60TH 14.64
36.87	55TH 14.52
36.56	50TH 14.39
36.25	45TH 14.27
35.94	40TH 14.15
35.63	35TH 14.03
35.30	30TH 13.90
34.94	25TH 13.76
34.54	20TH 13.60
34.08	15TH 13.42
33.50	10TH 13.19
32.64	5TH 12.85
32.08	3RD 12.63
31.67	2RD 12.47
31.02	1ST 12.21



*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
Calf CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUM.PCT
44.25- 44.75	1	9414	0.01	100.00
43.75- 44.25	2	9413	0.02	99.99
43.25- 43.75	1	9411	0.01	99.97
42.75- 43.25	3	9410	0.03	99.96
42.25- 42.75	4	9407	0.04	99.93
41.75- 42.25	14	9403	0.15	99.88
41.25- 41.75	5	9389	0.05	99.73
40.75- 41.25	13	9384	0.14	99.68
40.25- 40.75	18	9371	0.19	99.54
39.75- 40.25	53	9353	0.56	99.35
39.25- 39.75	29	9300	0.31	98.79
38.75- 39.25	83	9271	0.88	98.48
38.25- 38.75	65	9188	0.69	97.60
37.75- 38.25	176	9123	1.87	96.91
37.25- 37.75	149	8947	1.58	95.04
36.75- 37.25	331	8798	3.52	93.46
36.25- 36.75	251	8467	2.67	89.94
35.75- 36.25	530	8216	5.63	87.27
35.25- 35.75	396	7686	4.21	81.64
34.75- 35.25	848	7290	9.01	77.44
34.25- 34.75	599	6442	6.36	68.43
33.75- 34.25	1113	5843	11.82	62.07
33.25- 33.75	535	4730	5.68	50.24
32.75- 33.25	1105	4195	11.74	44.56
32.25- 32.75	565	3090	6.00	32.82
31.75- 32.25	876	2525	9.31	26.82
31.25- 31.75	353	1649	3.75	17.52
30.75- 31.25	592	1296	6.29	13.77
30.25- 30.75	238	704	2.53	7.48
29.75- 30.25	273	466	2.90	4.95
29.25- 29.75	72	193	0.76	2.05
28.75- 29.25	78	121	0.83	1.29
28.25- 28.75	15	43	0.16	0.46
27.75- 28.25	14	28	0.15	0.30
27.25- 27.75	7	14	0.07	0.15
26.75- 27.25	5	7	0.05	0.07
26.25- 26.75	1	2	0.01	0.02
25.75- 26.25	1	1	0.01	0.01

CENTIMETERS

INCHES

33.77 MEAN VALUE 13.29
0.02 SE(MEAN) 0.01
2.26 SD DEVIATION 0.89
0.02 SE(SD DEV) 0.01

SYMMETRY---VETA I = 0.42
KURTOSIS---VETA II = 3.49
COEF. OF VARIATION = 6.70

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS

INCHES

39.91	99TH	15.71
38.97	98TH	15.34
38.42	97TH	15.12
37.71	95TH	14.85
36.69	90TH	14.45
36.05	85TH	14.19
35.57	80TH	14.00
35.16	75TH	13.84
34.81	70TH	13.70
34.49	65TH	13.58
34.19	60TH	13.46
33.91	55TH	13.35
33.63	50TH	13.24
33.35	45TH	13.13
33.08	40TH	13.02
32.80	35TH	12.91
32.51	30TH	12.80
32.20	25TH	12.68
31.85	20TH	12.54
31.46	15TH	12.39
30.98	10TH	12.20
30.30	5TH	11.93
29.88	3RD	11.76
29.59	2RD	11.65
29.16	1ST	11.48



*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

ANKLE CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES* F CUMF FPCT CUMFCT

26.95- 27.15	1	9414	0.01	100.00
26.75- 26.95	0	9413	0.00	99.99
26.55- 26.75	0	9413	0.00	99.99
26.35- 26.55	2	9413	0.02	99.99
26.15- 26.35	0	9411	0.00	99.97
25.95- 26.15	6	9411	0.06	99.97
25.75- 25.95	1	9405	0.01	99.90
25.55- 25.75	1	9404	0.01	99.89
25.35- 25.55	7	9403	0.07	99.88
25.15- 25.35	2	9396	0.02	99.81
24.95- 25.15	38	9394	0.40	99.79
24.75- 24.95	6	9356	0.06	99.38
24.55- 24.75	5	9350	0.05	99.32
24.35- 24.55	36	9345	0.38	99.27
24.15- 24.35	22	9309	0.23	98.88
23.95- 24.15	205	9287	2.18	98.65
23.75- 23.95	20	9082	0.21	96.47
23.55- 23.75	24	9062	0.25	96.26
23.35- 23.55	143	9038	1.52	96.01
23.15- 23.35	80	8895	0.85	94.49
22.95- 23.15	669	8815	7.11	93.64
22.75- 22.95	96	8146	1.02	86.53
22.55- 22.75	88	8050	0.93	85.51
22.35- 22.55	421	7962	4.47	84.58
22.15- 22.35	248	7541	2.63	80.10
21.95- 22.15	1395	7293	14.82	77.47
21.75- 21.95	220	5898	2.34	62.65
21.55- 21.75	127	5678	1.35	60.31
21.35- 21.55	781	5551	8.30	58.97
21.15- 21.35	398	4770	4.23	50.67
20.95- 21.15	1567	4372	16.65	46.44
20.75- 20.95	241	2805	2.56	29.80
20.55- 20.75	175	2564	1.86	27.24
20.35- 20.55	626	2389	6.65	25.38
20.15- 20.35	205	1763	2.18	18.73
19.95- 20.15	919	1558	9.76	16.55
19.75- 19.95	92	639	0.98	6.79
19.55- 19.75	50	547	0.53	5.81
19.35- 19.55	193	497	2.05	5.28
19.15- 19.35	59	304	0.63	3.23
18.95- 19.15	159	245	1.69	2.60
18.75- 18.95	16	86	0.17	0.91
18.55- 18.75	10	70	0.11	0.74
18.35- 18.55	29	60	0.31	0.64
18.15- 18.35	9	31	0.10	0.33
17.95- 18.15	15	22	0.16	0.23
17.75- 17.95	3	7	0.03	0.07
17.55- 17.75	0	4	0.00	0.04
17.35- 17.55	4	4	0.04	0.04

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS INCHES

21.41 MEAN VALUE 8.43
0.01 SE(MEAN) 0.00
1.19 SD DEVIATION 0.47
0.01 SE(SD DEV) 0.00

SYMMETRY---VETA I = 0.28
KURTOSIS---VETA II = 3.29
COEF. OF VARIATION = 5.58

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS INCHES

24.48	99TH	9.64
24.08	98TH	9.48
23.83	97TH	9.38
23.50	95TH	9.25
23.00	90TH	9.06
22.67	85TH	8.93
22.42	80TH	8.83
22.21	75TH	8.74
22.02	70TH	8.67
21.84	65TH	8.60
21.68	60TH	8.54
21.53	55TH	8.48
21.38	50TH	8.42
21.23	45TH	8.36
21.08	40TH	8.30
20.92	35TH	8.24
20.76	30TH	8.17
20.59	25TH	8.11
20.40	20TH	8.03
20.19	15TH	7.95
19.93	10TH	7.85
19.55	5TH	7.70
19.31	3RD	7.60
19.15	2RD	7.54
18.89	1ST	7.44



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
 HEAD HEIGHT (TRAGION-TO-VERTEX)

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
12.71	MEAN VALUE	5.01
0.01	SE (MEAN)	0.00
0.76	SD DEVIATION	0.30
0.01	SE (SD DEV)	0.00

RANGES* F CUMF FPCT CUMFCT

15.55- 15.75	1	9414	0.01	100.00
15.35- 15.55	1	9413	0.01	99.99
15.15- 15.35	3	9412	0.03	99.98
14.95- 15.15	3	9409	0.03	99.95
14.75- 14.95	19	9406	0.20	99.91
14.55- 14.75	23	9387	0.24	99.71
14.35- 14.55	63	9364	0.67	99.47
14.15- 14.35	143	9301	1.52	98.80
13.95- 14.15	209	9158	2.22	97.28
13.75- 13.95	281	8949	2.98	95.06
13.55- 13.75	406	8668	4.31	92.08
13.35- 13.55	703	8262	7.47	87.76
13.15- 13.35	908	7559	9.65	80.30
12.95- 13.15	956	6651	10.18	70.65
12.75- 12.95	900	5693	9.56	60.47
12.55- 12.75	976	4793	10.37	50.91
12.35- 12.55	993	3817	10.55	40.55
12.15- 12.35	817	2824	8.68	30.00
11.95- 12.15	588	2007	6.25	21.32
11.75- 11.95	435	1419	4.62	15.07
11.55- 11.75	309	984	3.28	10.45
11.35- 11.55	269	675	2.86	7.17
11.15- 11.35	137	406	1.46	4.31
10.95- 11.15	131	269	1.39	2.86
10.75- 10.95	50	138	0.53	1.47
10.55- 10.75	36	88	0.38	0.93
10.35- 10.55	32	52	0.34	0.55
10.15- 10.35	13	20	0.14	0.21
9.95- 10.15	5	7	0.05	0.07
9.75- 9.95	2	2	0.02	0.02

SYMMETRY---VETA I = -0.20
 KURTOSIS---VETA II = 3.21
 COEF. OF VARIATION = 6.00

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS		INCHES
14.43	99TH	5.68
14.23	98TH	5.60
14.10	97TH	5.55
13.93	95TH	5.49
13.67	90TH	5.38
13.50	85TH	5.31
13.36	80TH	5.26
13.24	75TH	5.21
13.13	70TH	5.17
13.03	65TH	5.13
12.93	60TH	5.09
12.84	55TH	5.05
12.74	50TH	5.02
12.65	45TH	4.98
12.55	40TH	4.94
12.45	35TH	4.90
12.34	30TH	4.86
12.22	25TH	4.81
12.09	20TH	4.76
11.93	15TH	4.70
11.73	10TH	4.62
11.41	5TH	4.49
11.19	3RD	4.41
11.03	2RD	4.34
10.76	1ST	4.24



*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.....
HEAD LENGTH.

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

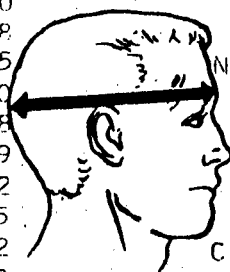
CENTIMETERS		INCHES
18.74	MEAN VALUE	7.38
0.01	SE(MEAN)	0.00
0.75	SD DEVIATION	0.30
0.01	SE(SD DEV)	0.00

SYMMETRY---VETA I = -0.21
KURTOSIS---VETA II = 2.94
COEF. OF VARIATION = 4.02

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS		INCHES
20.39	99TH	8.03
20.19	98TH	7.95
20.07	97TH	7.90
19.91	95TH	7.84
19.68	90TH	7.75
19.52	85TH	7.68
19.39	80TH	7.63
19.27	75TH	7.59
19.17	70TH	7.55
19.07	65TH	7.51
18.98	60TH	7.47
18.88	55TH	7.43
18.78	50TH	7.40
18.69	45TH	7.36
18.59	40TH	7.32
18.48	35TH	7.28
18.37	30TH	7.23
18.24	25TH	7.18
18.10	20TH	7.13
17.93	15TH	7.06
17.73	10TH	6.98
17.42	5TH	6.86
17.24	3RD	6.79
17.11	2RD	6.74
16.93	1ST	6.66



RANGES*	F	CUMF	FPCT	CUMFCT
21.35- 21.55	1	9414	0.01	100.00
21.15- 21.35	2	9413	0.02	99.99
20.95- 21.15	6	9411	0.06	99.97
20.75- 20.95	12	9405	0.13	99.90
20.55- 20.75	21	9393	0.22	99.78
20.35- 20.55	62	9372	0.66	99.55
20.15- 20.35	96	9310	1.02	98.90
19.95- 20.15	243	9214	2.58	97.88
19.75- 19.95	280	8971	2.97	95.29
19.55- 19.75	543	8691	5.77	92.32
19.35- 19.55	728	8148	7.73	86.55
19.15- 19.35	866	7420	9.20	78.82
18.95- 19.15	1145	6554	12.16	69.62
18.75- 18.95	831	5409	8.83	57.46
18.55- 18.75	943	4578	10.02	48.63
18.35- 18.55	903	3635	9.59	38.61
18.15- 18.35	704	2732	7.48	29.02
17.95- 18.15	649	2028	6.89	21.54
17.75- 17.95	382	1379	4.06	14.65
17.55- 17.75	337	997	3.58	10.59
17.35- 17.55	272	660	2.89	7.01
17.15- 17.35	176	388	1.87	4.12
16.95- 17.15	115	212	1.22	2.25
16.75- 16.95	42	97	0.45	1.03
16.55- 16.75	33	55	0.35	0.58
16.35- 16.55	18	22	0.19	0.23
16.15- 16.35	2	4	0.02	0.04
15.95- 16.15	2	2	0.02	0.02

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

***** HEAD BREADTH

THE FREQUENCY TABLES

RANGES* F CUMF FPCT CUMPT

17.25- 17.35	4	9414	0.04	100.00
17.15- 17.25	6	9410	0.06	99.96
17.05- 17.15	1	9404	0.01	99.89
16.95- 17.05	10	9403	0.11	99.88
16.85- 16.95	8	9393	0.08	99.78
16.75- 16.85	6	9385	0.06	99.69
16.65- 16.75	12	9379	0.13	99.63
16.55- 16.65	19	9367	0.20	99.50
16.45- 16.55	44	9348	0.47	99.30
16.35- 16.45	40	9304	0.42	98.83
16.25- 16.35	58	9264	0.62	98.41
16.15- 16.25	118	9206	1.25	97.79
16.05- 16.15	93	9088	0.99	96.54
15.95- 16.05	196	8995	2.08	95.55
15.85- 15.95	117	8799	1.24	93.47
15.75- 15.85	237	8682	2.52	92.22
15.65- 15.75	262	8445	2.78	89.71
15.55- 15.65	282	8183	3.00	86.92
15.45- 15.55	406	7901	4.31	82.93
15.35- 15.45	291	7495	3.09	79.62
15.25- 15.35	392	7204	4.17	76.52
15.15- 15.25	429	6811	4.56	72.35
15.05- 15.15	392	6382	4.16	67.79
14.95- 15.05	664	5990	7.05	62.63
14.85- 14.95	386	5326	4.10	56.58
14.75- 14.85	588	4940	6.25	52.48
14.65- 14.75	519	4352	5.51	46.23
14.55- 14.65	595	3833	6.32	40.72
14.45- 14.55	605	3238	6.43	34.40
14.35- 14.45	454	2633	4.82	27.97
14.25- 14.35	449	2179	4.77	23.15
14.15- 14.25	401	1730	4.26	18.38
14.05- 14.15	329	1329	3.49	14.12
13.95- 14.05	352	1000	3.74	10.62
13.85- 13.95	123	648	1.31	6.88
13.75- 13.85	179	525	1.90	5.58
13.65- 13.75	112	346	1.19	3.68
13.55- 13.65	100	234	1.06	2.49
13.45- 13.55	51	134	0.54	1.42
13.35- 13.45	26	83	0.28	0.88
13.25- 13.35	14	57	0.15	0.61
13.15- 13.25	20	43	0.21	0.46
13.05- 13.15	6	23	0.06	0.24
12.95- 13.05	7	17	0.07	0.18
12.85- 12.95	3	10	0.03	0.11
12.75- 12.85	2	7	0.02	0.07
12.65- 12.75	2	5	0.02	0.05
12.55- 12.65	2	3	0.02	0.03
12.45- 12.55	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS INCHES

14.86 MEAN VALUE 5.85
0.01 SE(MEAN) 0.00
0.67 SD DEVIATION 0.26
0.00 SE(SD DEV) 0.00

SYMMETRY---VETA I = 0.25
KURTOSIS---VETA II = 2.92
COEF. OF VARIATION = 4.52

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS INCHES

16.47	99TH	6.48
16.30	98TH	6.42
16.19	97TH	6.37
16.03	95TH	6.31
15.76	90TH	6.21
15.58	85TH	6.13
15.43	80TH	6.08
15.31	75TH	6.03
15.20	70TH	5.98
15.10	65TH	5.94
15.00	60TH	5.91
14.91	55TH	5.87
14.82	50TH	5.84
14.74	45TH	5.80
14.65	40TH	5.77
14.56	35TH	5.73
14.47	30TH	5.70
14.38	25TH	5.66
14.28	20TH	5.62
14.16	15TH	5.58
14.02	10TH	5.52
13.83	5TH	5.44
13.70	3RD	5.39
13.61	2RD	5.36
13.47	1ST	5.30



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 FACE BREADTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
12.13	MEAN VALUE	4.78
0.01	SE (MEAN)	0.00
0.64	SD DEVIATION	0.25
0.00	SE (SD DEV)	0.00

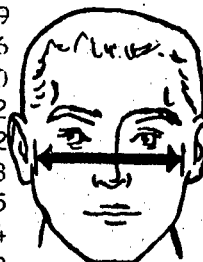
RANGES*	F	CUMF	FPCT	CUMPCT
14.95- 15.15	1	9414	0.01	100.00
14.75- 14.95	0	9413	0.00	99.99
14.55- 14.75	0	9413	0.00	99.99
14.35- 14.55	3	9413	0.03	99.99
14.15- 14.35	5	9410	0.05	99.96
13.95- 14.15	17	9405	0.18	99.90
13.75- 13.95	38	9388	0.40	99.72
13.55- 13.75	70	9350	0.74	99.32
13.35- 13.55	172	9280	1.83	98.58
13.15- 13.35	227	9108	2.41	96.75
12.95- 13.15	463	8881	4.92	94.34
12.75- 12.95	539	8418	5.73	89.42
12.55- 12.75	806	7879	8.56	83.69
12.35- 12.55	1063	7073	11.29	75.13
12.15- 12.35	1138	6010	12.09	63.84
11.95- 12.15	1324	4872	14.06	51.75
11.75- 11.95	908	3548	9.65	37.69
11.55- 11.75	912	2640	9.69	28.04
11.35- 11.55	672	1728	7.14	18.36
11.15- 11.35	452	1056	4.80	11.22
10.95- 11.15	379	604	4.03	6.42
10.75- 10.95	109	225	1.16	2.39
10.55- 10.75	62	116	0.66	1.23
10.35- 10.55	38	54	0.40	0.57
10.15- 10.35	14	16	0.15	0.17
9.95- 10.15	2	2	0.02	0.02

SYMMETRY---VETA I = 0.08
 KURTOSIS---VETA II = 2.97
 COEF. OF VARIATION = 5.28

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS		INCHES
13.67	99TH	5.38
13.48	98TH	5.31
13.37	97TH	5.26
13.21	95TH	5.20
12.96	90TH	5.10
12.80	85TH	5.04
12.67	80TH	4.99
12.56	75TH	4.95
12.46	70TH	4.91
12.37	65TH	4.87
12.29	60TH	4.84
12.20	55TH	4.80
12.12	50TH	4.77
12.04	45TH	4.74
11.96	40TH	4.71
11.88	35TH	4.68
11.79	30TH	4.64
11.69	25TH	4.60
11.59	20TH	4.56
11.47	15TH	4.52
11.32	10TH	4.46
11.10	5TH	4.37
10.96	3RD	4.31
10.86	2KD	4.27
10.70	1ST	4.21



*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

BITRAGION DIAMETER

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS

INCHES

RANGES*	F	CUMF	FPCT	CUMFCT
15.35- 15.45	2	9414	0.02	100.00
15.25- 15.35	2	9412	0.02	99.98
15.15- 15.25	1	9410	0.01	99.96
15.05- 15.15	3	9409	0.03	99.95
14.95- 15.05	7	9406	0.07	99.91
14.85- 14.95	6	9399	0.06	99.84
14.75- 14.85	19	9393	0.20	99.78
14.65- 14.75	22	9374	0.23	99.58
14.55- 14.65	42	9352	0.45	99.34
14.45- 14.55	61	9310	0.65	98.90
14.35- 14.45	67	9249	0.71	98.25
14.25- 14.35	113	9182	1.20	97.54
14.15- 14.25	156	9069	1.66	96.34
14.05- 14.15	194	8913	2.06	94.68
13.95- 14.05	371	8719	3.94	92.62
13.85- 13.95	221	8348	2.35	88.68
13.75- 13.85	413	8127	4.39	86.33
13.65- 13.75	446	7714	4.74	81.94
13.55- 13.65	645	7268	6.85	77.20
13.45- 13.55	668	6623	7.10	70.35
13.35- 13.45	626	5955	6.65	63.26
13.25- 13.35	664	5329	7.05	56.61
13.15- 13.25	703	4665	7.47	49.55
13.05- 13.15	655	3962	6.96	42.09
12.95- 13.05	796	3307	8.46	35.13
12.85- 12.95	407	2511	4.32	26.67
12.75- 12.85	552	2104	5.86	22.35
12.65- 12.75	360	1552	3.82	16.49
12.55- 12.65	365	1192	3.88	12.66
12.45- 12.55	302	827	3.21	8.78
12.35- 12.45	170	525	1.81	5.58
12.25- 12.35	125	355	1.33	3.77
12.15- 12.25	90	230	0.96	2.44
12.05- 12.15	69	140	0.73	1.49
11.95- 12.05	40	71	0.42	0.75
11.85- 11.95	11	31	0.12	0.33
11.75- 11.85	9	20	0.10	0.21
11.65- 11.75	3	11	0.03	0.12
11.55- 11.65	6	8	0.06	0.08
11.45- 11.55	2	2	0.02	0.02

13.27 MEAN VALUE 5.22
 0.01 SE (MEAN) 0.00
 0.54 SD DEVIATION 0.21
 0.00 SE (SD DEV) 0.00

SYMMETRY---VETA I = 0.14
 KURTOSIS---VETA II = 3.01
 COEF. OF VARIATION = 4.03

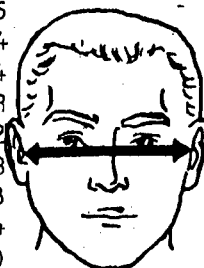
NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS

INCHES

14.57	99TH	5.74
14.41	98TH	5.67
14.31	97TH	5.63
14.17	95TH	5.58
13.97	90TH	5.50
13.83	85TH	5.44
13.72	80TH	5.40
13.63	75TH	5.36
13.54	70TH	5.33
13.47	65TH	5.30
13.40	60TH	5.27
13.33	55TH	5.25
13.26	50TH	5.22
13.19	45TH	5.19
13.12	40TH	5.17
13.05	35TH	5.14
12.98	30TH	5.11
12.90	25TH	5.08
12.81	20TH	5.05
12.71	15TH	5.01
12.59	10TH	4.96
12.41	5TH	4.88
12.29	3RD	4.84
12.21	2RD	4.81
12.08	1ST	4.76



*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 FACE LENGTH (MENTON-NASAL ROOT DEPRESSION)

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES* F CUMF FPCT CUMFCT

14.55- 14.65	1	9414	0.01	100.00
14.45- 14.55	0	9413	0.00	99.99
14.35- 14.45	6	9413	0.06	99.99
14.25- 14.35	1	9407	0.01	99.93
14.15- 14.25	2	9406	0.02	99.91
14.05- 14.15	6	9404	0.06	99.89
13.95- 14.05	7	9398	0.07	99.83
13.85- 13.95	16	9391	0.17	99.76
13.75- 13.85	18	9375	0.19	99.59
13.65- 13.75	29	9357	0.31	99.39
13.55- 13.65	28	9328	0.30	99.09
13.45- 13.55	63	9300	0.67	98.79
13.35- 13.45	59	9237	0.63	98.12
13.25- 13.35	89	9178	0.95	97.49
13.15- 13.25	141	9089	1.50	96.55
13.05- 13.15	142	8948	1.51	95.05
12.95- 13.05	277	8806	2.94	93.54
12.85- 12.95	311	8529	3.30	90.60
12.75- 12.85	306	8218	3.25	87.30
12.65- 12.75	458	7912	4.87	84.05
12.55- 12.65	358	7454	3.80	79.18
12.45- 12.55	661	7096	7.02	75.38
12.35- 12.45	466	6435	4.95	68.36
12.25- 12.35	533	5969	5.66	63.41
12.15- 12.25	615	5436	6.53	57.74
12.05- 12.15	505	4821	5.36	51.21
11.95- 12.05	851	4316	9.04	45.85
11.85- 11.95	568	3465	6.03	36.81
11.75- 11.85	440	2897	4.67	30.77
11.65- 11.75	491	2457	5.22	26.10
11.55- 11.65	365	1966	3.88	20.88
11.45- 11.55	417	1601	4.43	17.01
11.35- 11.45	244	1184	2.59	12.58
11.25- 11.35	241	940	2.56	9.99
11.15- 11.25	221	699	2.35	7.43
11.05- 11.15	135	478	1.43	5.08
10.95- 11.05	148	343	1.57	3.64
10.85- 10.95	55	195	0.58	2.07
10.75- 10.85	41	140	0.44	1.49
10.65- 10.75	31	99	0.33	1.05
10.55- 10.65	21	68	0.22	0.72
10.45- 10.55	28	47	0.30	0.50
10.35- 10.45	8	19	0.08	0.20
10.25- 10.35	4	11	0.04	0.12
10.15- 10.25	4	7	0.04	0.07
10.05- 10.15	0	3	0.00	0.03
9.95- 10.05	3	3	0.03	0.03

*IN CENTIMETERS

CENTIMETERS

INCHES

12.14 MEAN VALUE 4.78
 0.01 SE(MEAN) 0.00
 0.61 SD DEVIATION 0.24
 0.00 SE(SD DEV) 0.00

SYMMETRY---VETA I = 0.07
 KURTOSIS---VETA II = 3.06
 COEF. OF VARIATION = 5.05

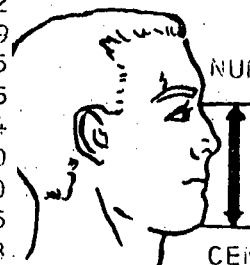
NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS

INCHES

13.61	99TH	5.36
13.43	98TH	5.29
13.31	97TH	5.24
13.16	95TH	5.18
12.93	90TH	5.09
12.77	85TH	5.03
12.65	80TH	4.98
12.55	75TH	4.94
12.46	70TH	4.90
12.37	65TH	4.87
12.29	60TH	4.84
12.22	55TH	4.81
12.14	50TH	4.78
12.06	45TH	4.75
11.98	40TH	4.72
11.90	35TH	4.69
11.82	30TH	4.65
11.73	25TH	4.62
11.63	20TH	4.58
11.51	15TH	4.53
11.36	10TH	4.47
11.15	5TH	4.39
11.01	3RD	4.33
10.91	2RD	4.29
10.75	1ST	4.23



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR INTERPUPILLARY DISTANCE

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
6.09	MEAN VALUE	2.40
0.00	SE (MEAN)	0.00
0.32	SD DEVIATION	0.13
0.00	SE (SD DEV)	0.00

RANGES* F CUMF FPCT CUMPT

7.45-	7.55	1	9414	0.01	100.00
7.35-	7.45	1	9413	0.01	99.99
7.25-	7.35	0	9412	0.00	99.98
7.15-	7.25	6	9412	0.06	99.98
7.05-	7.15	13	9406	0.14	99.91
6.95-	7.05	56	9393	0.59	99.78
6.85-	6.95	59	9337	0.63	99.18
6.75-	6.85	113	9278	1.20	98.56
6.65-	6.75	170	9165	1.81	97.35
6.55-	6.65	286	8995	3.04	95.55
6.45-	6.55	690	8709	7.33	92.51
6.35-	6.45	506	8019	5.37	85.18
6.25-	6.35	843	7513	8.95	79.81
6.15-	6.25	1069	6670	11.36	70.85
6.05-	6.15	972	5601	10.33	59.50
5.95-	6.05	1815	4629	19.28	49.17
5.85-	5.95	732	2814	7.78	29.89
5.75-	5.85	776	2082	8.24	22.12
5.65-	5.75	517	1306	5.49	13.87
5.55-	5.65	346	789	3.68	8.38
5.45-	5.55	319	443	3.39	4.71
5.35-	5.45	46	124	0.49	1.32
5.25-	5.35	36	78	0.38	0.83
5.15-	5.25	28	42	0.30	0.45
5.05-	5.15	9	14	0.10	0.15
4.95-	5.05	5	5	0.05	0.05

SYMMETRY---VETA I = 0.18
KURTOSIS---VETA II = 3.20
COEF. OF VARIATION = 5.30

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS		INCHES
6.92	99TH	2.72
6.80	98TH	2.68
6.73	97TH	2.65
6.64	95TH	2.61
6.51	90TH	2.56
6.42	85TH	2.53
6.35	80TH	2.50
6.30	75TH	2.48
6.25	70TH	2.46
6.20	65TH	2.44
6.16	60TH	2.43
6.12	55TH	2.41
6.08	50TH	2.39
6.04	45TH	2.38
6.00	40TH	2.36
5.96	35TH	2.35
5.92	30TH	2.33
5.87	25TH	2.31
5.82	20TH	2.29
5.76	15TH	2.27
5.69	10TH	2.24
5.58	5TH	2.20
5.51	3RD	2.17
5.46	2RD	2.15
5.38	1ST	2.12



*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 FOOT LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
31.95- 32.25	1	9414	0.01	100.00
31.65- 31.95	0	9413	0.00	99.99
31.35- 31.65	0	9413	0.00	99.99
31.05- 31.35	0	9413	0.00	99.99
30.75- 31.05	2	9413	0.02	99.99
30.45- 30.75	1	9411	0.01	99.97
30.15- 30.45	0	9410	0.00	99.96
29.85- 30.15	6	9410	0.06	99.96
29.55- 29.85	4	9404	0.04	99.89
29.25- 29.55	37	9400	0.39	99.85
28.95- 29.25	78	9363	0.83	99.46
28.65- 28.95	6	9285	0.06	98.63
28.35- 28.65	160	9279	1.70	98.57
28.05- 28.35	23	9119	0.24	96.87
27.75- 28.05	304	9096	3.23	96.62
27.45- 27.75	674	8792	7.16	93.39
27.15- 27.45	81	8118	0.86	86.23
26.85- 27.15	995	8037	10.57	85.37
26.55- 26.85	81	7042	0.86	74.80
26.25- 26.55	1376	6961	14.62	73.94
25.95- 26.25	1539	5585	16.35	59.33
25.65- 25.95	60	4046	0.64	42.98
25.35- 25.65	1439	3986	15.29	42.34
25.05- 25.35	106	2547	1.13	27.06
24.75- 25.05	1000	2441	10.62	25.93
24.45- 24.75	736	1441	7.82	15.31
24.15- 24.45	38	705	0.40	7.49
23.85- 24.15	396	667	4.21	7.09
23.55- 23.85	11	271	0.12	2.88
23.25- 23.55	174	260	1.85	2.76
22.95- 23.25	62	86	0.66	0.91
22.65- 22.95	0	24	0.00	0.25
22.35- 22.65	20	24	0.21	0.25
22.05- 22.35	1	4	0.01	0.04
21.75- 22.05	2	3	0.02	0.03
21.45- 21.75	1	1	0.01	0.01



CENTIMETERS INCHES

25.98 MEAN VALUE 10.23
 0.01 SE(MEAN) 0.00
 1.20 SD DEVIATION 0.47
 0.01 SE(SD DEV) 0.00

SYMMETRY---VETA I = 0.11
 KURTOSIS---VETA II = 3.14
 COEF. OF VARIATION = 4.63

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS INCHES

29.06	99TH	11.44
28.60	98TH	11.26
28.33	97TH	11.15
27.99	95TH	11.02
27.51	90TH	10.83
27.20	85TH	10.71
26.97	80TH	10.62
26.77	75TH	10.54
26.59	70TH	10.47
26.43	65TH	10.41
26.28	60TH	10.35
26.13	55TH	10.29
25.98	50TH	10.23
25.83	45TH	10.17
25.68	40TH	10.11
25.53	35TH	10.05
25.36	30TH	9.98
25.18	25TH	9.91
24.98	20TH	9.83
24.74	15TH	9.74
24.44	10TH	9.62
24.01	5TH	9.45
23.74	3RD	9.34
23.54	2RD	9.27
23.26	1ST	9.16

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
INSTEP LENGTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
22.75- 23.25	1	6080	0.02	100.00
22.25- 22.75	0	6079	0.00	99.98
21.75- 22.25	1	6079	0.02	99.98
21.25- 21.75	1	6078	0.02	99.97
20.75- 21.25	25	6077	0.41	99.95
20.25- 20.75	11	6052	0.18	99.54
19.75- 20.25	119	6041	1.96	99.36
19.25- 19.75	125	5922	2.06	97.40
18.75- 19.25	615	5797	10.12	95.35
18.25- 18.75	388	5182	6.38	85.23
17.75- 18.25	1339	4794	22.02	78.85
17.25- 17.75	579	3455	9.52	56.83
16.75- 17.25	1426	2876	23.45	47.30
16.25- 16.75	491	1450	8.08	23.85
15.75- 16.25	649	959	10.67	15.77
15.25- 15.75	170	310	2.80	5.10
14.75- 15.25	110	140	1.81	2.30
14.25- 14.75	13	30	0.21	0.49
13.75- 14.25	12	17	0.20	0.28
13.25- 13.75	1	5	0.02	0.08
12.75- 13.25	3	4	0.05	0.07
12.25- 12.75	0	1	0.00	0.02
11.75- 12.25	0	1	0.00	0.02
11.25- 11.75	1	1	0.02	0.02

IN CENTIMETERS

TAL SERIES

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
17.46	MEAN VALUE	6.87
0.01	SE(MEAN)	0.01
1.14	SD DEVIATION	0.45
0.01	SE(SD DEV)	0.00

SYMMETRY---	VETA I =	0.08
KURTOSIS---	VETA II =	3.24
COEF. OF VARIATION	=	6.52

NUMBER OF SUBJECTS = 6080.

THE PERCENTILES

CENTIMETERS		INCHES
20.17	99TH	7.94
19.85	98TH	7.81
19.64	97TH	7.73
19.37	95TH	7.62
18.93	90TH	7.45
18.64	85TH	7.34
18.41	80TH	7.25
18.22	75TH	7.17
18.04	70TH	7.10
17.88	65TH	7.04
17.73	60TH	6.98
17.58	55TH	6.92
17.44	50TH	6.87
17.30	45TH	6.81
17.15	40TH	6.75
17.01	35TH	6.70
16.85	30TH	6.63
16.69	25TH	6.57
16.50	20TH	6.50
16.29	15TH	6.41
16.02	10TH	6.31
15.63	5TH	6.15
15.38	3RD	6.05
15.19	2RD	5.98
14.90	1ST	5.86



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

FOOT BREADTH

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMFCT
12.45- 12.55	15	9414	0.16	100.00
12.35- 12.45	0	9399	0.00	99.84
12.25- 12.35	1	9399	0.01	99.84
12.15- 12.25	0	9398	0.00	99.83
12.05- 12.15	0	9398	0.00	99.83
11.95- 12.05	115	9398	1.22	99.83
11.85- 11.95	0	9283	0.00	98.61
11.75- 11.85	1	9283	0.01	98.61
11.65- 11.75	4	9282	0.04	98.60
11.55- 11.65	0	9278	0.00	98.56
11.45- 11.55	480	9278	5.10	98.56
11.35- 11.45	2	8798	0.02	93.46
11.25- 11.35	6	8796	0.06	93.44
11.15- 11.25	4	8790	0.04	93.37
11.05- 11.15	4	8786	0.04	93.33
10.95- 11.05	1546	8782	16.42	93.29
10.85- 10.95	3	7236	0.03	76.86
10.75- 10.85	3	7233	0.03	76.83
10.65- 10.75	20	7230	0.21	76.80
10.55- 10.65	9	7210	0.10	76.59
10.45- 10.55	2697	7201	28.65	76.49
10.35- 10.45	6	4504	0.06	47.84
10.25- 10.35	9	4498	0.10	47.78
10.15- 10.25	16	4489	0.17	47.68
10.05- 10.15	14	4473	0.15	47.51
9.95- 10.05	2680	4459	28.47	47.37
9.85- 9.95	0	1779	0.00	18.90
9.75- 9.85	0	1779	0.00	18.90
9.65- 9.75	12	1779	0.13	18.90
9.55- 9.65	5	1767	0.05	18.77
9.45- 9.55	1315	1762	13.97	18.72
9.35- 9.45	1	447	0.01	4.75
9.25- 9.35	2	446	0.02	4.74
9.15- 9.25	4	444	0.04	4.72
9.05- 9.15	0	440	0.00	4.67
8.95- 9.05	381	440	4.05	4.67
8.85- 8.95	0	59	0.00	0.63
8.75- 8.85	0	59	0.00	0.63
8.65- 8.75	0	59	0.00	0.63
8.55- 8.65	0	59	0.00	0.63
8.45- 8.55	52	59	0.55	0.63
8.35- 8.45	0	7	0.00	0.07
8.25- 8.35	0	7	0.00	0.07
8.15- 8.25	0	7	0.00	0.07
8.05- 8.15	0	7	0.00	0.07
7.95- 8.05	7	7	0.07	0.07

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS		INCHES
10.30	MEAN VALUE	4.05
0.01	SE (MEAN)	0.00
0.65	SD DEVIATION	0.25
0.00	SE (SD DEV)	0.00

SYMMETRY---	VETA I =	0.07
KURTOSIS---	VETA II =	3.11
COEF. OF VARIATION	=	6.28

NUMBER OF SUBJECTS = 9414.

THE PERCENTILES

CENTIMETERS		INCHES
11.92	99TH	4.69
11.68	98TH	4.60
11.53	97TH	4.54
11.35	95TH	4.47
11.10	90TH	4.37
10.94	85TH	4.31
10.81	80TH	4.26
10.71	75TH	4.22
10.62	70TH	4.18
10.53	65TH	4.15
10.45	60TH	4.12
10.37	55TH	4.08
10.30	50TH	4.05
10.22	45TH	4.02
10.14	40TH	3.99
10.06	35TH	3.96
9.98	30TH	3.93
9.88	25TH	3.89
9.78	20TH	3.85
9.66	15TH	3.80
9.51	10TH	3.74
9.28	5TH	3.66
9.14	3RD	3.60
9.05	2RD	3.56
8.90	1ST	3.50



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR
.....
HEEL BREADTH

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

CENTIMETERS

INCHES

6.79 MEAN VALUE 2.67
0.00 SE(MEAN) 0.00
0.37 SD DEVIATION 0.15
0.00 SE(SD DEV) 0.00

SYMMETRY---VETA I = 0.11
KURTOSIS---VETA II = 3.35
COEF. OF VARIATION = 5.42

NUMBER OF SUBJECTS = 9413.

THE PERCENTILES

CENTIMETERS

INCHES

7.72 99TH 3.04
7.56 98TH 2.98
7.48 97TH 2.94
7.37 95TH 2.90
7.24 90TH 2.85
7.15 85TH 2.82
7.09 80TH 2.79
7.03 75TH 2.77
6.98 70TH 2.75
6.93 65TH 2.73
6.89 60TH 2.71
6.85 55TH 2.70
6.80 50TH 2.68
6.76 45TH 2.66
6.71 40TH 2.64
6.66 35TH 2.62
6.60 30TH 2.60
6.55 25TH 2.58
6.48 20TH 2.55
6.40 15TH 2.52
6.30 10TH 2.48
6.17 5TH 2.43
6.09 3RD 2.40
6.04 2RD 2.38
5.97 1ST 2.35



RANGES*	F	CUMF	FPCT	CUMPT
8.45- 8.55	1	9413	0.01	100.00
8.35- 8.45	1	9412	0.01	99.99
8.25- 8.35	0	9411	0.00	99.98
8.15- 8.25	2	9411	0.02	99.98
8.05- 8.15	11	9409	0.12	99.96
7.95- 8.05	50	9398	0.53	99.84
7.85- 7.95	3	9348	0.03	99.31
7.75- 7.85	9	9345	0.10	99.28
7.65- 7.75	45	9336	0.48	99.18
7.55- 7.65	72	9291	0.76	98.70
7.45- 7.55	159	9219	1.69	97.94
7.35- 7.45	227	9060	2.41	96.25
7.25- 7.35	163	8833	1.73	93.84
7.15- 7.25	489	8670	5.19	92.11
7.05- 7.15	558	8181	5.93	86.91
6.95- 7.05	2372	7623	25.20	80.98
6.85- 6.95	69	5251	0.73	55.78
6.75- 6.85	835	5182	8.87	55.05
6.65- 6.75	666	4347	7.08	46.18
6.55- 6.65	1299	3681	13.80	39.11
6.45- 6.55	849	2382	9.02	25.31
6.35- 6.45	544	1533	5.78	16.29
6.25- 6.35	223	989	2.37	10.51
6.15- 6.25	341	766	3.62	8.14
6.05- 6.15	177	425	1.88	4.52
5.95- 6.05	229	248	2.43	2.63
5.85- 5.95	0	19	0.00	0.20
5.75- 5.85	5	19	0.05	0.20
5.65- 5.75	8	14	0.08	0.15
5.55- 5.65	2	6	0.02	0.06
5.45- 5.55	4	4	0.04	0.04

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

 BALL-OF-FOOT CIRCUMFERENCE

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
30.75- 31.05	4	9413	0.04	100.00
30.45- 30.75	0	9409	0.00	99.96
30.15- 30.45	0	9409	0.00	99.96
29.85- 30.15	16	9409	0.17	99.96
29.55- 29.85	0	9393	0.00	99.79
29.25- 29.55	5	9393	0.05	99.79
28.95- 29.25	124	9388	1.32	99.73
28.65- 28.95	1	9264	0.01	98.42
28.35- 28.65	32	9263	0.34	98.41
28.05- 28.35	23	9231	0.24	98.07
27.75- 28.05	582	9208	6.18	97.82
27.45- 27.75	84	8626	0.89	91.64
27.15- 27.45	63	8542	0.67	90.75
26.85- 27.15	1536	8479	16.32	90.08
26.55- 26.85	24	6943	0.25	73.76
26.25- 26.55	222	6919	2.36	73.50
25.95- 26.25	2542	6697	27.01	71.15
25.65- 25.95	27	4155	0.29	44.14
25.35- 25.65	220	4128	2.34	43.85
25.05- 25.35	141	3908	1.50	41.52
24.75- 25.05	2243	3767	23.83	40.02
24.45- 24.75	104	1524	1.10	16.19
24.15- 24.45	107	1420	1.14	15.09
23.85- 24.15	960	1313	10.20	13.95
23.55- 23.85	8	353	0.08	3.75
23.25- 23.55	54	345	0.57	3.67
22.95- 23.25	241	291	2.56	3.09
22.65- 22.95	2	50	0.02	0.53
22.35- 22.65	7	48	0.07	0.51
22.05- 22.35	6	41	0.06	0.44
21.75- 22.05	32	35	0.34	0.37
21.45- 21.75	0	3	0.00	0.03
21.15- 21.45	0	3	0.00	0.03
20.85- 21.15	3	3	0.03	0.03

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
25.77	MEAN VALUE 10.15
0.01	SE (MEAN) 0.01
1.29	SD DEVIATION 0.51
0.01	SE (SD DEV) 0.00

SYMMETRY---VETA I = 0.09
 KURTOSIS---VETA II = 3.10
 COEF. OF VARIATION = 5.01

NUMBER OF SUBJECTS = 9413.

THE PERCENTILES

CENTIMETERS	INCHES
28.94	99TH 11.39
28.42	98TH 11.19
28.14	97TH 11.08
27.79	95TH 10.94
27.32	90TH 10.76
27.03	85TH 10.64
26.81	80TH 10.55
26.61	75TH 10.48
26.43	70TH 10.41
26.27	65TH 10.34
26.11	60TH 10.28
25.95	55TH 10.22
25.79	50TH 10.15
25.63	45TH 10.09
25.46	40TH 10.03
25.29	35TH 9.96
25.10	30TH 9.88
24.89	25TH 9.80
24.66	20TH 9.71
24.39	15TH 9.60
24.06	10TH 9.47
23.60	5TH 9.29
23.34	3RD 9.19
23.19	2RD 9.13
23.01	1ST 9.06



THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

..... HEEL-ANKLE DIAGONAL

THE FREQUENCY TABLES

RANGES*	F	CUMF	FPCT	CUMPCT
39.45- 39.75	1	9412	0.01	99.99
39.15- 39.45	0	9412	0.00	99.98
38.85- 39.15	4	9412	0.04	99.98
38.55- 38.85	0	9408	0.00	99.94
38.25- 38.55	3	9408	0.03	99.94
37.95- 38.25	32	9405	0.35	99.90
37.65- 37.95	2	9353	0.02	99.35
37.35- 37.65	12	9351	0.13	99.33
37.05- 37.35	9	9339	0.10	99.20
36.75- 37.05	212	9330	2.25	99.11
36.45- 36.75	26	9118	0.28	96.86
36.15- 36.45	24	9092	0.25	96.58
35.85- 36.15	631	9068	6.70	96.32
35.55- 35.85	10	8437	0.11	89.62
35.25- 35.55	96	8427	1.02	89.52
34.95- 35.25	1537	8331	16.32	88.50
34.65- 34.95	8	6794	0.08	72.17
34.35- 34.65	127	6786	1.35	72.08
34.05- 34.35	121	6659	1.29	70.74
33.75- 34.05	2250	6538	23.90	69.45
33.45- 33.75	74	4288	0.79	45.55
33.15- 33.45	209	4214	2.22	44.76
32.85- 33.15	2169	4005	23.04	42.54
32.55- 32.85	13	1836	0.14	19.50
32.25- 32.55	103	1823	1.09	19.36
31.95- 32.25	1163	1720	12.35	18.27
31.65- 31.95	4	557	0.04	5.92
31.35- 31.65	34	553	0.36	5.87
31.05- 31.35	48	519	0.51	5.51
30.75- 31.05	345	471	3.66	5.00
30.45- 30.75	8	126	0.08	1.34
30.15- 30.45	8	118	0.08	1.25
29.85- 30.15	92	110	0.98	1.17
29.55- 29.85	0	18	0.00	0.19
29.25- 29.55	1	18	0.01	0.19
28.95- 29.25	16	17	0.17	0.18
28.65- 28.95	0	1	0.00	0.01
28.35- 28.65	0	1	0.00	0.01
28.05- 28.35	0	1	0.00	0.01
27.75- 28.05	0	1	0.00	0.01
27.45- 27.75	0	1	0.00	0.01
27.15- 27.45	0	1	0.00	0.01
26.85- 27.15	0	1	0.00	0.01
26.55- 26.85	0	1	0.00	0.01
26.25- 26.55	0	1	0.00	0.01
25.95- 26.25	1	1	0.01	0.01

*IN CENTIMETERS

THE SUMMARY STATISTICS

CENTIMETERS	INCHES
33.73 MEAN VALUE	13.28
0.02 SE(MEAN)	0.01
1.47 SD DEVIATION	0.58
0.01 SE(SD DEV)	0.00

SYMMETRY---VETA I = 0.09
KURTOSIS---VETA II = 3.23
COEF. OF VARIATION = 4.35

NUMBER OF SUBJECTS = 9414.



THE PERCENTILES

CENTIMETERS	INCHES
37.12	99TH 14.61
36.84	98TH 14.50
36.62	97TH 14.42
36.28	95TH 14.28
35.70	90TH 14.06
35.30	85TH 13.90
34.98	80TH 13.77
34.70	75TH 13.66
34.46	70TH 13.57
34.24	65TH 13.48
34.04	60TH 13.40
33.85	55TH 13.33
33.67	50TH 13.25
33.49	45TH 13.18
33.31	40TH 13.11
33.13	35TH 13.04
32.94	30TH 12.97
32.75	25TH 12.89
32.53	20TH 12.81
32.27	15TH 12.70
31.94	10TH 12.57
31.40	5TH 12.36
30.99	3RD 12.20
30.66	2RD 12.07
30.05	1ST 11.83

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

INSTEP CIRCUMFERENCE

THE FREQUENCY TABLES

THE SUMMARY STATISTICS

RANGES*	F	CUMF	FPCT	CUMPT
33.75- 34.05	2	9392	0.02	99.77
33.45- 33.75	1	9390	0.01	99.75
33.15- 33.45	1	9389	0.01	99.73
32.85- 33.15	7	9388	0.07	99.72
32.55- 32.85	0	9381	0.00	99.65
32.25- 32.55	2	9381	0.02	99.65
31.95- 32.25	47	9379	0.50	99.63
31.65- 31.95	0	9332	0.00	99.13
31.35- 31.65	2	9332	0.02	99.13
31.05- 31.35	2	9330	0.02	99.11
30.75- 31.05	104	9328	1.10	99.09
30.45- 30.75	0	9224	0.00	97.98
30.15- 30.45	4	9224	0.04	97.98
29.85- 30.15	327	9220	3.47	97.94
29.55- 29.85	14	8893	0.15	94.47
29.25- 29.55	47	8879	0.50	94.32
28.95- 29.25	818	8832	8.69	93.82
28.65- 28.95	19	8014	0.20	85.13
28.35- 28.65	89	7995	0.95	84.93
28.05- 28.35	64	7906	0.68	83.98
27.75- 28.05	1564	7842	16.61	83.30
27.45- 27.75	144	6278	1.53	66.69
27.15- 27.45	131	6134	1.39	65.16
26.85- 27.15	2081	6003	22.11	63.77
26.55- 26.85	34	3922	0.36	41.66
26.25- 26.55	189	3888	2.01	41.30
25.95- 26.25	1988	3699	21.12	39.29
25.65- 25.95	18	1711	0.19	18.18
25.35- 25.65	165	1693	1.75	17.98
25.05- 25.35	101	1528	1.07	16.23
24.75- 25.05	985	1427	10.46	15.16
24.45- 24.75	37	442	0.39	4.70
24.15- 24.45	27	405	0.29	4.30
23.85- 24.15	312	378	3.31	4.02
23.55- 23.85	2	66	0.02	0.70
23.25- 23.55	9	64	0.10	0.68
22.95- 23.25	49	55	0.52	0.58
22.65- 22.95	1	6	0.01	0.06
22.35- 22.65	1	5	0.01	0.05
22.05- 22.35	1	4	0.01	0.04
21.75- 22.05	3	3	0.03	0.03

CENTIMETERS

INCHES

26.95 MEAN VALUE 10.61
0.02 SE(MEAN) 0.01
1.56 SD DEVIATION 0.62
0.01 SE(SD DEV) 0.00

SYMMETRY---VETA I = 0.48
KURTOSIS---VETA II = 3.00
COEF. OF VARIATION = 5.80

NUMBER OF SUBJECTS = 9414.



THE PERCENTILES

CENTIMETERS

INCHES

31.14	99TH	12.26
30.57	98TH	12.03
30.22	97TH	11.90
29.75	95TH	11.71
29.06	90TH	11.44
28.61	85TH	11.27
28.27	80TH	11.13
27.98	75TH	11.01
27.72	70TH	10.91
27.49	65TH	10.82
27.28	60TH	10.74
27.07	55TH	10.66
26.87	50TH	10.58
26.68	45TH	10.50
26.48	40TH	10.43
26.28	35TH	10.35
26.08	30TH	10.27
25.86	25TH	10.18
25.62	20TH	10.09
25.35	15TH	9.98
25.02	10TH	9.85
24.55	5TH	9.67
24.27	3RD	9.55
24.06	2RD	9.47
23.75	1ST	9.35

*IN CENTIMETERS

THE SUMMARY STATISTICS AND FREQUENCY TABLES FOR

.

e AGE

The 'Total Series' for this variable is missing, see the other services (i.e., the Army, Air Force, and Navy).

PART III

Extreme Value Statistics

PART III
TABLE OF CONTENTS

<u>Variable</u>	<u>Page</u>
WEARS EYE GLASSES	III-1
NORMAL VISION	III-1
COLOR PERCEPTION	III-1
HANDEDNESS	III-1
WEIGHT	III-1
RELATIVE TOE LENGT	III-1
STATURE	III-1
CERVICAL HEIGHT	III-1
SHOULDER HEIGHT	III-2
WAIST HEIGHT	III-2
CROTCH HEIGHT	III-2
KNEE HEIGHT	III-2
CALF HEIGHT	III-2
FUNCTIONAL REACH	III-2
COAT LENGTH	III-2
HIP BREADTH	III-2
CHEST BREADTH	III-3
CHEST DEPTH	III-3
HAND LENGTH	III-3
PALM LENGTH	III-3
HAND BREADTH	III-3
ARM REACH UP	III-3
SITTING HEIGHT	III-3
EYE HEIGHT SIT	III-3
MIDSHOULDER HT/SIT	III-4
SHOULDER HT/SIT	III-4
KNEE HEIGHT/SIT	III-4
POPLITEAL HEIGHT	III-4
ARM REACH FORWARD	III-4
SHOULDER-ELBOW LTH	III-4
FOREARM-HAND LTH	III-4
SHOULDER BREADTH	III-4
ELBOW-ELBOW BRDTH	III-5
AGE AT ENLISTMENT	III-5
HIP BREADTH/SIT	III-5
BUTTOCK-KNEE LTH	III-5
BUTTOCK-POP LTH	III-5
BACK-WAIST LENGTH	III-5
SHOULDER LENGTH	III-5
INTERSCYE BREADTH	III-5
INTERSCYE MAXIMUM	III-6
SLEEVE INSEAM	III-6
SLEEVE LENGTH	III-6
HEAD CIRC	III-6

TABLE OF CONTENTS
(Continued)

<u>Variable</u>	<u>Page</u>
NECK CIRC	III-6
SHOULDER CIRC	III-6
CHEST CIRC	III-6
WAIST CIRC	III-6
HIP CIRC	III-7
VERTICAL TRUNK CIR	III-7
ARMSCYE CIRC	III-7
UPPER ARM CIRC	III-7
BICEPS CIRC	III-7
FOREARM CIRC	III-7
WRIST CIRC	III-7
HAND CIRC	III-7
CROTCH-THIGH CIRC	III-8
LOWER THIGH CIRC	III-8
CALF CIRC	III-8
ANKLE CIRC	III-8
HEAD HEIGHT	III-8
HEAD LENGTH	III-8
HEAD BREADTH	III-8
FACE BREADTH	III-8
BITRAGION DIAMETER	III-9
FACE LENGTH	III-9
INTERPUPILLARY DIS	III-9
FOOT LENGTH	III-9
INSTEP LENGTH	III-9
FOOT BREADTH	III-9
HEEL BREADTH	III-9
BALL OF FOOT CIRC	III-9
HEEL-ANKLE DIAG	III-10
INSTEP CIRC	III-10
AGE	III-10
N OLDER BROTHERS	III-10
N YOUNGER BROTHERS	III-10
N OLDER SISTERS	III-10
N YOUNGER SISTERS	III-10
N WIVES PRESENT	III-10
N WIVES DIVORCED	III-11
PLACE OF BIRTH	III-11
RESIDENCE ENT MIL	III-11
ETHNIC DERIVATION	III-11
1ST LANGUAGE	III-11
2ND LANGUAGE	III-11
3RD LANGUAGE	III-11
MAKTAB	III-11

TABLE OF CONTENTS
(Continued)

<u>Variable</u>	<u>Page</u>
ELEMENTARY SCHOOL	III-12
HIGH SCHOOL	III-12
COLLEGE	III-12
BEYOND HIGH SCHOOL	III-12
OCCUPATION	III-12
SERVICE	III-12
LENGTH OF SERVICE	III-12
RANK	III-12
MILITARY DUTY	III-13

STATISTICS FOR VARIABLES 1 THROUGH 8

		1	2	3	4	5	6	7	8
		T I O N				R E L A T I V E		C E R V I C A L	
		C O L O R				T O E		H E I	
		P E R C E P				S T A T U R E		G H I	
		H A N D E D N E S S				L E N G T H			
		W E I G H T							
		V I S I O							
		N O R M A L							
		G L							
		E Y E							
		W E A R S							
		A S S E S							
		N							
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	
		S B J C T				S B J C T		S B J C T	
		V A L U E				V A L U E		V A L U E	

STATISTICS FOR VARIABLES 9 THROUGH 16

	9	10	11	12	13	14	15	16
	SHOULDER HEI	WAIST HEIGHT	CROTCH HEIGHT	KNEE HEIGHT	CALF HEIGHT	FUNCTIONAL R	CUAT LENGTH	HIP BREADTH
	GHT					EACH		
	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE
	SBCT	SBCT	SBCT	SBCT	SBCT	SBCT	SBCT	SBCT
1ST SMALLEST	1180.0	7709	836.0	851	590.0	6538	420.0	851
2ND SMALLEST	1185.0	6316	845.0	6538	615.0	6247	421.0	5407
3RD SMALLEST	1195.0	851	855.0	8510	617.0	6316	421.0	4751
4TH SMALLEST	1200.0	8131	855.0	7709	620.0	5676	422.0	8683
5TH SMALLEST	1200.0	3592	855.0	6316	627.0	9076	422.0	5100
6TH SMALLEST	1204.0	8338	862.0	8375	630.0	7037	422.0	2382
7TH SMALLEST	1205.0	7793	868.0	4651	630.0	1806	425.0	5231
8TH SMALLEST	1205.0	7247	870.0	8488	635.0	7793	425.0	1745
9TH SMALLEST	1205.0	6538	870.0	4466	635.0	5671	427.0	7793
XTH SMALLEST	1205.0	5902	873.0	4875	635.0	3894	430.0	4875

1ST LARGEST	1545.0	6921	1150.0	2109	895.0	7195	580.0	2261
9TH LARGEST	1546.0	2553	1156.0	111	895.0	8659	580.0	3041
8TH LARGEST	1549.0	651	1160.0	1040	900.0	2273	580.0	4408
7TH LARGEST	1549.0	5206	1160.0	2622	900.0	2784	580.0	5444
6TH LARGEST	1555.0	2520	1160.0	5192	904.0	651	580.0	5579
5TH LARGEST	1560.0	6479	1160.0	7024	904.0	3836	581.0	9036
4TH LARGEST	1562.0	6661	1163.0	2989	910.0	2989	583.0	411
3RD LARGEST	1585.0	8857	1165.0	651	917.0	263	584.0	9022
2RD LARGEST	1589.0	5192	1198.0	8857	920.0	2261	585.0	5527
1ST LARGEST	1594.0	7024			944.0	8857	596.0	8857
THE MEAN VALUE	1367.25		767.62	500.19	340.50		767.94	685.94
STD. DEVIATION	54.02		42.17	24.07	21.92		41.40	31.68
COEFF. OF VARIATION	3.95		5.49	4.81	6.44		5.39	4.62
BETA ONE	0.13		0.05	0.11	0.10		0.15	0.20
BETA TWO	3.05		3.03	2.99	3.17		3.09	3.04
(N-20)-AVG EST	1367.25		1001.44	767.62	500.19		767.94	685.94
(N-20)-S.D. EST	53.97		44.26	42.13	24.07		41.31	31.67
PCT DIFF/MEANS	0.		0.	0.	-0.		0.	0.
PCT DIF/ST DVS	-0.		-0.	-0.	-0.		-0.	-0.
SIZE OF SAMPLE	9414		9414	9414	9414		9414	9414

STATISTICS FOR VARIABLES 17 THROUGH 24

	17		18		19		20		21		22		23		24	
	CHEST BREADTH		CHEST DEPTH		HAND LENGTH		PALM LENGTH		HAND BREADTH		ARM REACH UP SITTING		HEIGHT		EYE HEIGHT	
	VALUE	SBCT	VALUE	SBCT	VALUE	SBCT	VALUE	SBCT	VALUE	SBCT	VALUE	SBCT	VALUE	SBCT	VALUE	SBCT
1ST SMALLEST	223.0	8457	165.0	852	155.0	7430	84.0	4466	69.0	7053	1176.0	999	749.0	3727	631.0	3727
2ND SMALLEST	227.0	7746	168.0	2924	157.0	7709	85.0	7355	71.0	7381	1190.0	5902	765.0	999	635.0	5902
3RD SMALLEST	235.0	8184	170.0	1041	157.0	4466	85.0	988	72.0	7355	1195.0	9016	766.0	7247	655.0	3181
4TH SMALLEST	236.0	2206	171.0	7230	158.0	6230	87.0	5742	73.0	7230	1200.0	6304	770.0	845	656.0	999
5TH SMALLEST	238.0	2344	173.0	2211	159.0	851	87.0	4465	73.0	4937	1202.0	3345	772.0	7709	657.0	9016
6TH SMALLEST	239.0	8338	175.0	5020	160.0	9166	88.0	7600	74.0	7775	1205.0	2846	775.0	5967	660.0	3016
7TH SMALLEST	240.0	4361	175.0	787	160.0	6599	88.0	4931	74.0	7472	1206.0	851	777.0	5681	662.0	3457
8TH SMALLEST	240.0	2070	176.0	6437	160.0	5742	88.0	990	74.0	7013	1207.0	2033	779.0	7057	665.0	4711
9TH SMALLEST	240.0	2057	177.0	8567	161.0	7600	88.0	190	74.0	1131	1208.0	7709	780.0	5851	665.0	3409
XTH SMALLEST	241.0	4898	179.0	162	162.0	4931	89.0	2533	74.0	222	1208.0	4875	783.0	3621	666.0	3192

XTH LARGEST	371.0	8874	288.0	4744	215.0	3759	122.0	2979	100.0	3033	1515.0	651	979.0	6141	868.0	9147
9TH LARGEST	372.0	1385	288.0	4958	216.0	2540	122.0	3121	100.0	3312	1517.0	7543	981.0	403	870.0	6141
8TH LARGEST	372.0	2862	290.0	6216	216.0	3306	122.0	3706	101.0	2862	1520.0	1464	985.0	4785	871.0	7024
7TH LARGEST	373.0	1413	291.0	3033	216.0	4153	123.0	3961	101.0	5200	1523.0	7562	988.0	9147	872.0	4785
6TH LARGEST	380.0	9040	292.0	4883	217.0	989	123.0	4407	101.0	9284	1525.0	8857	989.0	502	875.0	4999
5TH LARGEST	383.0	5293	293.0	9040	217.0	1601	123.0	4801	102.0	1826	1526.0	8786	990.0	7024	877.0	6661
4TH LARGEST	385.0	2622	295.0	2838	217.0	8857	123.0	7024	102.0	7543	1529.0	7024	993.0	9259	878.0	284
3RD LARGEST	385.0	4083	305.0	4769	221.0	2161	124.0	8136	103.0	589	1537.0	6479	997.0	9290	879.0	7328
2RD LARGEST	397.0	4769	310.0	5293	221.0	2869	125.0	4593	103.0	4246	1538.0	6661	1000.0	6661	880.0	9259
1ST LARGEST	398.0	9094	311.0	2622	223.0	3544	126.0	2161	109.0	3836	1556.0	254	1003.0	284	881.0	9290
THE MEAN VALUE																
STD. DEVIATION																
COEFF/VARIATION																
RETA ONE																
RETA TWO																
(N-20)-AVG EST																
(N-20)-S.D. EST																
PCT DIFF/MEANS																
PCT DIF/ST DVS																
SIZE OF SAMPLE																

STATISTICS FOR VARIABLES 25 THROUGH 32

	25	26	27	28	29	30	31	32
	MIDSHOULDER HT/SIT	SHOULDER HT/ SIT	KNEE HEIGHT/ SIT	PUPLITEAL HE LGHI	ARM REACH RWARD	FO SHOULDER- OW LTH	ELB FURCARM- LTH	HAND SHOULDER AUTM
VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE
1ST SMALLEST	494.0	499.0	499.0	499.0	499.0	499.0	499.0	499.0
2ND SMALLEST	499.0	508.0	516.0	517.0	518.0	519.0	520.0	521.0
3RD SMALLEST	508.0	516.0	524.0	521.0	522.0	523.0	524.0	525.0
4TH SMALLEST	516.0	524.0	532.0	529.0	530.0	531.0	532.0	533.0
5TH SMALLEST	524.0	532.0	540.0	537.0	538.0	539.0	540.0	541.0
6TH SMALLEST	532.0	540.0	548.0	545.0	546.0	547.0	548.0	549.0
7TH SMALLEST	540.0	548.0	556.0	553.0	554.0	555.0	556.0	557.0
8TH SMALLEST	548.0	556.0	564.0	561.0	562.0	563.0	564.0	565.0
9TH SMALLEST	556.0	564.0	572.0	569.0	570.0	571.0	572.0	573.0
XTH SMALLEST	564.0	572.0	580.0	577.0	578.0	579.0	580.0	581.0

XTH LARGEST	692.0	694.0	696.0	697.0	698.0	699.0	700.0	701.0
9TH LARGEST	694.0	696.0	698.0	699.0	700.0	701.0	702.0	703.0
8TH LARGEST	696.0	698.0	699.0	700.0	701.0	702.0	703.0	704.0
7TH LARGEST	698.0	699.0	700.0	701.0	702.0	703.0	704.0	705.0
6TH LARGEST	699.0	700.0	701.0	702.0	703.0	704.0	705.0	706.0
5TH LARGEST	700.0	701.0	702.0	703.0	704.0	705.0	706.0	707.0
4TH LARGEST	701.0	702.0	703.0	704.0	705.0	706.0	707.0	708.0
3RD LARGEST	702.0	703.0	704.0	705.0	706.0	707.0	708.0	709.0
2RD LARGEST	703.0	704.0	705.0	706.0	707.0	708.0	709.0	710.0
1ST LARGEST	710.0	711.0	712.0	713.0	714.0	715.0	716.0	717.0
THE MEAN VALUE	607.62	607.62	607.62	607.62	607.62	607.62	607.62	607.62
STD. DEVIATION	27.23	27.23	27.23	27.23	27.23	27.23	27.23	27.23
COEFF/VARIATION	4.48	4.48	4.48	4.48	4.48	4.48	4.48	4.48
BETA ONE	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
BETA TWO	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
(N-20)-AVG EST	607.62	607.62	607.62	607.62	607.62	607.62	607.62	607.62
(N-20)-S.D. EST	27.21	27.21	27.21	27.21	27.21	27.21	27.21	27.21
PCT. DIFF/MEANS	0.	0.	0.	0.	0.	0.	0.	0.
PCT DIF/ST DVS	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
SIZE OF SAMPLE	9414	9414	9414	9414	9414	9414	9414	9414

STATISTICS FOR VARIABLES 33 THROUGH 40

	33	34	35	36	37	38	39	40
	ELBOW- BROW	AGE AT ENLIS TMENT	HIP BREADTH/ SIT	BUTTOCK-KNEE LTH	BUTTOCK-POP LTH	BACK-WAIST ENGINH	SHOULDER GTH	INTERSCYE BR EADTH
VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE
SBCT	SBCT	SBCT	SBCT	SBCT	SBCT	SBCT	SBCT	SBCT
1ST SMALLEST	298.0 5896	271.0 3727	470.0 6692	375.0 6692	350.0 2221	115.0 4833	280.0 7455	
2RD SMALLEST	304.0 6036	272.0 7820	475.0 7820	380.0 6538	352.0 1626	116.0 5499	289.0 1348	
3RD SMALLEST	305.0 2070	274.0 5932	477.0 6538	380.0 363	354.0 2219	120.0 3914	300.0 7131	
4TH SMALLEST	308.0 8044	12.7 4697	274.0 4595	480.0 9016	383.0 3730	360.0 1651	125.0 3831	300.0 6492
5TH SMALLEST	310.0 5621	13.0 1120	275.0 7057	480.0 7793	384.0 8375	362.0 69	125.0 2066	300.0 5937
6TH SMALLEST	312.0 7046	13.2 7153	275.0 6926	485.0 8375	385.0 8832	364.0 2213	130.0 3733	300.0 5794
7TH SMALLEST	312.0 980	13.4 4047	276.0 596	485.0 6304	385.0 2230	365.0 872	130.0 3699	300.0 5416
8TH SMALLEST	313.0 5873	13.5 2780	280.0 7823	485.0 363	385.0 342	367.0 1655	130.0 2202	300.0 2070
9TH SMALLEST	313.0 2182	13.7 2967	280.0 607	488.0 2032	386.0 851	368.0 2207	130.0 2070	300.0 56
XTH SMALLEST	314.0 7408	14.0 7219	282.0 7793	488.0 851	388.0 5671	369.0 190	130.0 1950	300.0 24

XTH LARGEST	579.0 4802	34.9 405	401.0 2664	634.0 3798	520.0 4408	560.0 2645	195.0 5775	493.0 7543
9TH LARGEST	580.0 4521	34.9 423	402.0 6709	634.0 5138	520.0 5369	563.0 5590	195.0 8789	495.0 1242
8TH LARGEST	580.0 5070	35.8 3953	403.0 2622	635.0 5369	521.0 2531	565.0 2531	195.0 8827	495.0 4571
7TH LARGEST	580.0 5162	36.2 453	403.0 6517	636.0 2531	522.0 33	568.0 2553	195.0 8834	498.0 2586
6TH LARGEST	580.0 8874	36.9 2829	403.0 6640	636.0 5527	522.0 469	569.0 3033	195.0 8835	500.0 2244
5TH LARGEST	584.0 4883	37.0 2874	406.0 7281	638.0 8857	523.0 9066	570.0 2551	195.0 8849	500.0 4162
4TH LARGEST	589.0 5213	41.0 2838	407.0 5293	645.0 2622	525.0 799	570.0 4639	195.0 8874	500.0 5138
3RD LARGEST	590.0 8602	43.0 2833	408.0 5138	647.0 411	525.0 5176	570.0 5052	195.0 8977	500.0 7361
2RD LARGEST	594.0 2862	43.8 862	415.0 3020	650.0 5176	530.0 7024	570.0 7415	195.0 9094	515.0 8874
1ST LARGEST	622.0 5293	44.8 1037	424.0 4769	655.0 7024	532.0 411	590.0 5463	197.0 4684	525.0 8670
THE MEAN VALUE	419.44	20.44	331.19	555.81	453.44	470.87	157.44	392.12
STD. DEVIATION	35.12		18.36	23.57	21.37	27.24	10.19	30.29
COFF/VARIATION	8.37		5.54	4.24	4.71	5.79	6.47	7.72
BETA ONE	0.80		0.46	0.12	0.07	-0.11	0.41	0.05
BETA TWO	4.59		3.54	3.05	3.04	3.46	3.29	3.20
(N-20)-AVG EST	419.37	20.44	331.12	555.81	453.44	470.87	157.44	392.12
(N-20)-S.D. EST	34.90	2.09	18.32	23.55	21.36	27.13	10.18	30.26
PCT DIFF/MEANS	-0.	0.	-0.	0.	0.	0.	0.	0.
PCT DIF/ST DVS	-1.	-9.	-0.	-0.	-0.	-0.	-0.	-0.
SIZE OF SAMPLE	9411	9414	9412	9413	9413	9414	9414	9414

STATISTICS FOR VARIABLES 41 THROUGH 48

	41		42		43		44		45		46		47		48	
	INTERSCYE	MA	SLEEVE	INSFA	SLEEVE	LENGTH	HEAD	CIRC	NECK	CIRC	SHOULDER	CIR	CHEST	CIRC	WAIST	CIRC
	XIMUM		M		H						C					
	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT
1ST SMALLEST	382.0	1574	373.0	6877	689.0	190	500.0	5696	300.0	8518	890.0	6361	730.0	7913	590.0	4815
2RD SMALLEST	384.0	6473	383.0	4425	700.0	6485	500.0	4491	300.0	607	910.0	7913	745.0	7925	600.0	5327
3RD SMALLEST	385.0	6304	385.0	3122	700.0	2494	505.0	8330	300.0	237	910.0	7825	745.0	7795	600.0	1836
4TH SMALLEST	385.0	212	386.0	1640	700.0	1745	505.0	7246	310.0	6299	915.0	6049	750.0	1041	610.0	3207
5TH SMALLEST	387.0	3478	389.0	6241	700.0	1622	505.0	5673	310.0	6265	915.0	607	755.0	6361	610.0	2960
6TH SMALLEST	388.0	7760	389.0	2202	700.0	1007	505.0	4036	310.0	2907	915.0	237	755.0	2087	610.0	808
7TH SMALLEST	389.0	4699	390.0	4651	700.0	878	505.0	3371	310.0	2087	920.0	7795	755.0	2057	615.0	7850
8TH SMALLEST	390.0	6901	390.0	3905	701.0	2230	505.0	2925	310.0	1608	925.0	8567	755.0	225	615.0	1041
9TH SMALLEST	390.0	3758	390.0	2221	705.0	6223	505.0	2093	310.0	816	925.0	1836	757.0	223	620.0	3971
XTH SMALLEST	390.0	237	390.0	1745	705.0	872	505.0	318	310.0	580	930.0	6265	758.0	2344	620.0	2921

XTH LARGEST	700.0	4835	544.0	6290	937.0	1177	605.0	4700	440.0	2569	1365.0	6320	1140.0	5159	1070.0	6320
9TH LARGEST	700.0	4884	545.0	9116	937.0	1464	605.0	4818	440.0	2622	1375.0	9040	1140.0	6640	1075.0	3010
8TH LARGEST	700.0	5000	549.0	426	940.0	2954	605.0	4967	440.0	4769	1380.0	6640	1143.0	3033	1075.0	8918
7TH LARGEST	700.0	5047	550.0	667	947.0	4404	605.0	5399	440.0	5000	1390.0	2622	1145.0	6320	1080.0	5000
6TH LARGEST	700.0	5058	551.0	1318	950.0	3306	610.0	83	445.0	4083	1395.0	5159	1145.0	9094	1080.0	6444
5TH LARGEST	700.0	5138	552.0	1999	955.0	989	610.0	1385	445.0	5293	1405.0	5293	1160.0	6216	1085.0	7281
4TH LARGEST	713.0	2622	553.0	262	959.0	426	610.0	5431	445.0	6390	1410.0	4083	1165.0	9040	1085.0	9284
3RD LARGEST	730.0	4083	553.0	5572	960.0	3836	615.0	4884	445.0	6710	1410.0	6216	1210.0	2622	1090.0	6104
2RD LARGEST	730.0	5293	578.0	651	971.0	20	615.0	5000	445.0	8874	1430.0	9094	1210.0	5293	1095.0	9040
1ST LARGEST	732.0	4769	584.0	6661	988.0	651	615.0	9329	450.0	2407	1470.0	4769	1245.0	4769	1135.0	4769
THE MEAN VALUE	559.75		466.62		821.50		552.94		363.44		1089.31		903.69		775.31	
STD. DEVIATION	41.85		23.04		35.04		15.58		18.60		63.06		54.57		67.11	
COFF/VARIATION	7.48		4.94		4.26		2.82		5.12		5.79		6.04		8.66	
BETA ONE	-0.28		0.02		0.02		0.08		0.46		0.84		0.72		0.88	
BETA TWO	4.05		3.30		3.20		3.04		3.60		4.62		4.47		4.57	
(N-20)-AVG EST	559.75		466.62		821.50		552.94		363.44		1089.12		903.56		775.19	
(N-20)-S.D. EST	41.66		22.96		34.94		15.57		18.54		62.68		54.25		66.88	
PCT DIFF/MEANS	0.		0.		0.		0.		0.		-0.		-0.		-0.	
PCT DIF/ST DVS	-0.		-0.		-0.		-0.		-0.		-1.		-1.		-0.	
SIZE OF SAMPLE	9414		9414		9414		9414		9414		9414		9414		9414	

STATISTICS FOR VARIABLES 49 THROUGH 56

	49	50	51	52	53	54	55	56								
	HIP CIRC	VERTICAL TRU NK CIRC	ARMSCYE CIRC	UPPER ARM CI	BICEPS CIRC	FOREARM CIRC	WRIST CIRC	HAND CIRC								
	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE								
1ST SMALLEST	760.0	7820	1300.0	4252	300.0	1700	182.0	237	207.0	237	195.0	6819	135.0	7443	170.0	4937
2RD SMALLEST	765.0	6361	1310.0	3750	301.0	1814	190.0	5165	210.0	6819	200.0	7352	135.0	7308	172.0	2924
3RD SMALLEST	780.0	9253	1315.0	4188	305.0	7381	200.0	7382	210.0	5165	200.0	1474	135.0	946	173.0	7352
4TH SMALLEST	780.0	7236	1320.0	5902	310.0	7879	200.0	7236	214.0	1836	203.0	7443	136.0	7292	173.0	5165
5TH SMALLEST	780.0	4833	1320.0	3410	310.0	2238	200.0	6819	215.0	887	205.0	7382	140.0	922	174.0	839
6TH SMALLEST	780.0	2960	1325.0	3956	314.0	2256	200.0	5712	220.0	5712	205.0	2294	140.0	893	176.0	576
7TH SMALLEST	780.0	2921	1325.0	3744	315.0	1491	200.0	2337	220.0	2344	205.0	1379	140.0	887	180.0	2096
8TH SMALLEST	790.0	6062	1325.0	3459	318.0	1881	200.0	2326	220.0	2326	205.0	803	140.0	841	183.0	1836
9TH SMALLEST	790.0	5712	1325.0	2096	320.0	5843	200.0	2087	220.0	2087	208.0	237	140.0	839	160.0	1347
XTH SMALLEST	790.0	1376	1330.0	8007	320.0	2138	200.0	1836	220.0	1376	210.0	2087	140.0	804	180.0	1078

XTH LARGEST	1120.0	4303	1840.0	4802	554.0	3020	350.0	6434	390.0	5000	330.0	5073	200.0	2862	245.0	3390
9TH LARGEST	1125.0	6320	1840.0	4835	555.0	4083	355.0	6451	390.0	6659	335.0	4883	200.0	3020	245.0	6006
8TH LARGEST	1125.0	9284	1845.0	2868	560.0	1158	355.0	6678	390.0	8786	335.0	5030	200.0	4802	245.0	7132
7TH LARGEST	1130.0	3020	1845.0	3020	560.0	2664	360.0	4083	390.0	8911	335.0	6530	200.0	4883	245.0	8397
6TH LARGEST	1130.0	5138	1845.0	4965	560.0	4697	360.0	4769	390.0	8918	340.0	4769	200.0	5878	250.0	4083
5TH LARGEST	1130.0	6216	1850.0	760	560.0	4835	360.0	4920	395.0	5002	340.0	4964	200.0	6444	250.0	4246
4TH LARGEST	1130.0	6623	1870.0	5293	565.0	3029	360.0	8901	395.0	6640	340.0	6640	200.0	6533	250.0	5430
3RD LARGEST	1140.0	5000	1875.0	6661	570.0	4958	365.0	6659	400.0	6216	340.0	6685	200.0	7132	250.0	7723
2RD LARGEST	1140.0	5293	1930.0	2622	580.0	5070	375.0	6640	406.0	9094	340.0	8901	200.0	8363	250.0	9284
1ST LARGEST	1245.0	4769	1950.0	4769	590.0	4769	385.0	9094	410.0	4769	340.0	9094	205.0	6659	260.0	3835
THE MEAN VALUE	916.25	1548.00			415.50	260.62	286.44	265.06	166.69	211.31						
STD. DEVIATION	47.92	74.28			33.84	23.03	25.12	18.96	9.26	10.63						
COEFF/VARIATION	5.23	4.80			8.15	8.84	8.77	7.15	5.55	5.03						
BETA ONE	0.54	0.37			0.68	0.68	0.65	0.20	0.15	0.02						
BETA TWO	4.02	3.62			4.12	4.00	3.98	3.26	3.14	3.20						
(N-20)-AVG EST	916.19	1547.94			415.44	260.56	286.44	265.06	166.69	211.31						
(N-20)-S.D. EST	47.68	74.00			33.70	22.95	25.04	18.92	9.25	10.61						
PCT DIFF/MEANS	-0.	-0.			-0.	-0.	0.	0.	0.	0.						
PCT DIF/ST DVS	-1.	-0.			-0.	-0.	-0.	-0.	-0.	-0.						
SIZE OF SAMPLE	9414	9414			9414	9414	9414	9414	9414	9414						

STATISTICS FOR VARIABLES 57 THROUGH 64

	57	58	59	60	61	62	63	64
	CROTCH-THIGH CIRC	LOWER THIGH CIRC	CALF CIRC	ANKLE CIRC	HEAD HEIGHT	HEAD LENGTH	HEAD BREADTH	HEAD DEPTH
VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE
SRJCT	SRJCT	SRJCT	SRJCT	SRJCT	SRJCT	SRJCT	SRJCT	SRJCT
1ST SMALLEST	380.0	5165	260.0	999	175.0	8586	99.0	9403
2ND SMALLEST	390.0	9253	265.0	7236	175.0	2300	99.0	13
3RD SMALLEST	400.0	7917	280.0	7446	270.0	7812	175.0	946
4TH SMALLEST	400.0	6361	280.0	7442	270.0	5437	175.0	841
5TH SMALLEST	400.0	5712	280.0	7366	270.0	1973	178.0	5165
6TH SMALLEST	400.0	1381	280.0	7236	270.0	946	178.0	3727
7TH SMALLEST	400.0	725	285.0	1623	271.0	6314	178.0	2960
8TH SMALLEST	400.0	21	290.0	9253	273.0	7439	180.0	2859
9TH SMALLEST	401.0	1551	290.0	2924	275.0	5165	180.0	2196
XTH SMALLEST	403.0	4053	295.0	7833	275.0	2087	180.0	2176

XTH LARGEST	680.0	6104	470.0	4769	424.0	5176	258.0	4884
9TH LARGEST	682.0	6181	470.0	6181	425.0	5000	260.0	119
8TH LARGEST	685.0	6640	470.0	6659	426.0	3020	260.0	3047
7TH LARGEST	690.0	2968	470.0	8787	430.0	4965	260.0	4769
6TH LARGEST	690.0	8602	475.0	2914	431.0	6444	260.0	5293
5TH LARGEST	700.0	3020	475.0	7281	432.0	8918	260.0	6216
4TH LARGEST	700.0	5058	475.0	8874	435.0	6216	260.0	6444
3RD LARGEST	700.0	6216	480.0	6216	440.0	6700	265.0	419
2RD LARGEST	700.0	6320	485.0	2244	440.0	7281	265.0	6845
1ST LARGEST	720.0	4769	492.0	418	445.0	6640	270.0	3122
THE MEAN VALUE	525.62	367.00	337.69	214.06	127.12	187.37	148.62	121.31
STD. DEVIATION	41.86	26.34	22.63	11.94	7.63	7.53	6.71	6.40
COEFF. OF VARIATION	7.96	7.18	6.70	5.58	6.01	4.02	4.52	5.28
BETA ONE	0.42	0.36	0.42	0.28	-0.20	-0.21	0.25	0.08
BETA TWO	3.52	3.56	3.49	3.28	3.22	2.94	2.92	2.97
(N-20)-AVG EST	525.56	366.94	337.69	214.06	127.12	187.37	148.62	121.31
(N-20)-S.D. EST	41.76	26.25	22.57	11.91	7.63	7.53	6.71	6.40
PCT. DIFF./MEANS	-0.	-0.	0.	0.	0.	0.	0.	0.
PCT. DIFF./ST. DVS	-0.	-0.	-0.	-0.	-0.	0.	-0.	-0.
SIZE OF SAMPLE	9413	9414	9414	9414	9414	9414	9414	9414

STATISTICS FOR VARIABLES 65 THROUGH 72

65		66		67		68		69		70		71		72	
BITRAGON DI FACE LENGTH		INTERPUPILLA FOOT LENGTH		INSTEP LENGTH		FOOT BREADTH		HEEL BREADTH		BALL OF FOOT		CIRC			
AMETER		RY DIS		H											
VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT
1ST SMALLEST	115.0 7057	100.0 5100	50.0 7868	215.0 2032	95.0 6023	80.0 6344	55.0 9007	210.0 6344							
2RD SMALLEST	115.0 5673	100.0 211	50.0 7212	220.0 4566	100.0 5938	80.0 6121	55.0 2960	210.0 6329							
3RD SMALLEST	116.0 6094	100.0 151	50.0 7209	220.0 3901	100.0 5936	80.0 2773	55.0 2219	210.0 6281							
4TH SMALLEST	116.0 4768	102.0 7381	50.0 5515	222.0 2230	100.0 5930	80.0 2176	55.0 735	220.0 2479							
5TH SMALLEST	116.0 3364	102.0 6321	50.0 4331	225.0 3409	100.0 5925	80.0 2033	56.0 8542	220.0 2176							
6TH SMALLEST	116.0 2314	102.0 3953	51.0 7790	225.0 2963	100.0 5860	80.0 1556	56.0 843	220.0 2096							
7TH SMALLEST	116.0 1668	102.0 1511	51.0 7468	225.0 2675	100.0 5839	80.0 1065	57.0 2963	220.0 2087							
8TH SMALLEST	116.0 355	103.0 6276	51.0 5679	225.0 2196	100.0 5823	85.0 978	57.0 2705	220.0 1969							
9TH SMALLEST	117.0 1960	103.0 2673	51.0 5092	225.0 1806	100.0 5698	85.0 911	57.0 2479	220.0 1856							
XTH SMALLEST	117.0 1600	103.0 2148	51.0 4472	225.0 735	100.0 5621	85.0 905	57.0 1806	220.0 1080							

XTH LARGEST	150.0 5122	142.0 2712	71.0 1385	300.0 2460	210.0 284	125.0 5	81.0 593	300.0 3537							
9TH LARGEST	150.0 5269	142.0 9327	71.0 2192	300.0 3107	210.0 760	125.0 608	81.0 724	300.0 3545							
8TH LARGEST	151.0 2529	143.0 7531	72.0 501	300.0 3765	215.0 9069	125.0 1713	81.0 855	300.0 3564							
7TH LARGEST	151.0 4143	144.0 965	72.0 2826	300.0 6661	220.0 7562	125.0 2214	81.0 1218	300.0 3603							
6TH LARGEST	151.0 5094	144.0 1317	72.0 3608	300.0 6697	230.0 9164	125.0 2947	81.0 1791	300.0 3630							
5TH LARGEST	152.0 4848	144.0 3092	72.0 3759	300.0 6723	260.0 3054	125.0 3263	81.0 2161	300.0 3836							
4TH LARGEST	153.0 2971	144.0 3570	72.0 4930	307.0 760	260.0 5766	125.0 3305	82.0 589	310.0 1522							
3RD LARGEST	153.0 4920	144.0 8229	72.0 5562	310.0 6845	265.0 3056	125.0 3537	82.0 3312	310.0 3769							
2RD LARGEST	154.0 2598	144.0 8236	74.0 9284	310.0 7562	270.0 3040	125.0 3836	84.0 989	310.0 5579							
1ST LARGEST	154.0 6709	146.0 3986	75.0 4143	320.0 5579	360.0 4766	125.0 3873	85.0 760	310.0 7302							
THE MEAN VALUE															
STD. DEVIATION	132.75	121.37	60.94	259.87	103.00	67.94	257.69								
COFF/VARIATION	5.35	6.13	3.23	12.02	6.47	3.68	12.91								
BETA ONE	4.03	5.05	5.29	4.63	6.28	5.42	5.01								
BETA TWO	0.14	0.07	0.18	0.11	0.07	0.11	0.09								
	3.00	3.06	3.20	3.14	3.11	3.35	3.10								
(N-20)-AVG EST															
(N-20)-S.D.EST	132.75	121.37	60.94	259.87	103.00	67.94	257.69								
	5.35	6.13	3.22	12.01	6.47	3.68	12.90								
PCT DIFF/MEANS															
PCT DIF/ST DVS	0.	0.	0.	0.	0.	0.	0.								
	-0.	-0.	-0.	-0.	-1.	-0.	-0.								
SIZE OF SAMPLE															
	9414	9414	9414	9414	9414	9414	9413								
	9414	9414	9414	9414	9414	9414	9413								

STATISTICS FOR VARIABLES 73 THROUGH 80

	73	74	75	76	77	78	79	80
HEEL-ANKLE D INSTEP CIRC AGE				N OLDER BROTH N YOUNGER BR N OLDER SIST N YOUNGER SI				
IAG				HERS	OTHERS	ERS	STERS	SEMI
VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE
SBJCT	SBJCT	SBJCT	SBJCT	SBJCT	SBJCT	SBJCT	SBJCT	SBJCT
1ST SMALLEST	262.0 8542	220.0 2096	18.0 9158	0.0 1	0.0 47	0.0 25	0.0 27	0.0 22
2RD SMALLEST	285.0 2960	220.0 2087	18.0 6186	0.0 2	0.0 46	0.0 22	0.0 23	0.0 21
3RD SMALLEST	290.0 4566	220.0 1298	18.0 5998	0.0 3	0.0 41	0.0 1	0.0 21	0.0 2
4TH SMALLEST	290.0 4436	223.0 735	18.0 2386	0.0 4	0.0 34	0.0 4	0.0 1	0.0 5
5TH SMALLEST	290.0 2963	225.0 165	18.0 2382	0.0 6	0.0 21	0.0 11	0.0 5	0.0 8
6TH SMALLEST	290.0 2176	227.0 9	18.0 2380	0.0 9	0.0 7	0.0 12	0.0 7	0.0 7
7TH SMALLEST	290.0 2162	230.0 841	18.0 2174	0.0 10	0.0 12	0.0 15	0.0 10	0.0 12
8TH SMALLEST	290.0 2096	230.0 609	18.0 1145	0.0 13	0.0 13	0.0 17	0.0 11	0.0 13
9TH SMALLEST	290.0 735	230.0 515	18.0 1080	0.0 14	0.0 16	0.0 19	0.0 13	0.0 15
XTH SMALLEST	290.0 515	230.0 499	18.0 191	0.0 17	0.0 17	0.0 20	0.0 14	0.0 17

XTH LARGEST	382.0 2139	330.0 1275	50.0 4692	7.0 86	7.0 1564	7.0 209	7.0 473	2.0 3601
9TH LARGEST	382.0 8786	330.0 1522	50.0 5165	7.0 208	7.0 1780	7.0 698	7.0 1211	2.0 4242
8TH LARGEST	383.0 54	330.0 3366	50.0 5298	7.0 450	8.0 636	7.0 811	7.0 1859	2.0 4632
7TH LARGEST	383.0 2460	330.0 3422	51.0 4835	7.0 1460	8.0 2990	7.0 1240	7.0 2014	2.0 4733
6TH LARGEST	385.0 6845	330.0 3650	52.0 2848	7.0 1562	8.0 5973	7.0 8193	7.0 2222	2.0 4962
5TH LARGEST	390.0 3182	330.0 4142	53.0 5287	7.0 7341	8.0 7725	7.0 8538	8.0 2040	2.0 5317
4TH LARGEST	390.0 3312	334.0 4521	54.0 2829	8.0 836	8.0 8210	8.0 8897	8.0 2418	2.0 6142
3RD LARGEST	390.0 4404	336.0 2460	54.0 2833	8.0 1368	8.0 8382	8.0 9279	9.0 6954	2.0 6509
2RD LARGEST	390.0 5579	340.0 3426	58.0 2874	9.0 7885	11.0 200	9.0 4887	11.0 4975	2.0 6569
1ST LARGEST	395.0 8403	340.0 4404	60.0 2838	10.0 4379	11.0 2992	10.0 4507	13.0 7397	2.0 6647
THE MEAN VALUE	337.31	269.50	23.75	0.94	1.56	0.94	1.31	0.38
STD. DEVIATION	14.68	15.64	5.71	1.17	1.46	1.14	1.38	0.49
COFF/VARIATION	4.35	5.80	24.03	124.59	93.75	121.69	105.00	129.58
BETA ONE	0.09	0.36	2.04	1.58	0.97	1.53	1.14	0.58
BETA TWO	3.23	3.37	7.09	6.15	3.84	6.08	4.62	1.45
(N-20)-AVG EST	337.31	269.50	23.69	0.94	1.56	0.94	1.31	0.38
(N-20)-S.D. EST	14.66	15.61	5.69	1.16	1.46	1.13	1.37	0.49
PCT DIFF/MEANS	0.	0.	-1.	0.	0.	0.	0.	0.
PCT DIF/ST DVS	-0.	-0.	-0.	-1.	-0.	-1.	-0.	1.
SIZE OF SAMPLE	9414	9414	9414	9414	9414	9414	9414	9414

STATISTICS FOR VARIABLES 81 THROUGH 88

81		82		83		84		85		86		87		88	
N WIVES DIVO		PLACE OF BIR		RESIDENCE EN		ETHNIC DERIV		1ST LANGUAGE		2ND LANGUAGE		3RD LANGUAGE		MAKTAB	
RCD		TH		T MIL		ATION									
VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT
1ST SMALLEST	0.0	1	1.0	23	1.0	1	1.0	1	1.0	1	0.0	127	0.0	4	0.0
2RD SMALLEST	0.0	2	1.0	1	1.0	2	1.0	4	1.0	2	0.0	124	0.0	5	0.0
3RD SMALLEST	0.0	3	1.0	2	1.0	3	1.0	5	1.0	3	0.0	122	0.0	7	0.0
4TH SMALLEST	0.0	4	1.0	3	1.0	7	1.0	7	1.0	4	0.0	119	0.0	9	0.0
5TH SMALLEST	0.0	5	1.0	9	1.0	8	1.0	9	1.0	6	0.0	109	0.0	11	0.0
6TH SMALLEST	0.0	6	1.0	11	1.0	9	1.0	12	1.0	7	0.0	100	0.0	12	0.0
7TH SMALLEST	0.0	7	1.0	13	1.0	11	1.0	14	1.0	8	0.0	91	0.0	14	0.0
8TH SMALLEST	0.0	8	1.0	16	1.0	12	1.0	15	1.0	9	0.0	82	0.0	15	0.0
9TH SMALLEST	0.0	9	1.0	19	1.0	13	1.0	16	1.0	10	0.0	81	0.0	16	0.0
XTH SMALLEST	0.0	10	1.0	20	1.0	14	1.0	17	1.0	11	0.0	10	0.0	17	0.0

XTH LARGEST	2.0	4252	21.0	186	21.0	2721	16.0	13	14.0	5	14.0	643	14.0	64	7.0
9TH LARGEST	2.0	4368	21.0	188	21.0	2850	16.0	639	14.0	1184	14.0	646	14.0	66	7.0
8TH LARGEST	2.0	5076	21.0	2543	21.0	2941	16.0	843	14.0	1195	14.0	648	14.0	69	7.0
7TH LARGEST	2.0	6391	21.0	2643	21.0	4653	16.0	928	14.0	1216	14.0	649	14.0	497	7.0
6TH LARGEST	2.0	6514	21.0	2721	21.0	4980	16.0	934	14.0	1246	14.0	828	14.0	557	7.0
5TH LARGEST	2.0	6595	21.0	2834	21.0	5089	16.0	1184	14.0	1254	14.0	840	14.0	1254	7.0
4TH LARGEST	3.0	3033	21.0	2850	21.0	5113	16.0	1195	14.0	1255	14.0	842	14.0	1364	7.0
3RD LARGEST	3.0	4994	21.0	2941	21.0	5292	16.0	1216	14.0	1283	14.0	864	14.0	2017	9.0
2RD LARGEST	3.0	6600	21.0	4653	23.0	412	16.0	1254	14.0	1287	14.0	873	14.0	2355	9.0
1ST LARGEST	3.0	7177	23.0	2867	23.0	416	16.0	1254	14.0	7881	14.0	881	14.0	2409	9.0
THE MEAN VALUE	0.02	6.69	6.56		6.56		2.81		1.94		2.37		0.69		0.09
STD. DEVIATION	0.15	4.89	4.87		4.87		2.97		1.70		3.68		2.43		0.55
COFF/VARIATION	875.54	73.05	74.26		74.26		105.53		87.70		155.10		353.65		600.46
BETA ONE	10.56	0.81	0.83		0.83		1.35		1.70		1.39		3.62		8.11
BETA TWO	140.34	3.18	3.22		3.22		3.51		5.93		3.42		14.76		82.83
(N-20)-AVG EST	0.01	6.69	6.50		6.50		2.81		1.94		2.37		0.69		0.08
(N-20)-S.D. EST	0.13	4.92	4.90		4.90		2.97		1.67		3.71		2.42		0.50
PCT DIFF/MEANS	-2.	0.	-1.		-1.		0.		0.		0.		0.		-1.
PCT DIF/ST DVS	-15.	1.	1.		1.		0.		-2.		1.		-0.		-9.
SIZE OF SAMPLE	9414	9407	9401		9401		9383		9407		9414		9414		9414

STATISTICS FOR VARIABLES 89 THROUGH 94

		89		90		91		92		93		94		95		96	
		ELEMENTARY SCHOOL		HIGH SCHOOL		COLLEGE		BEYOND SCHOOL		OCCUPATION		SERVICE		LENGTH OF SERVICE		RAFK	
		VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT
1ST	SMALLEST	0.0	1156	0.0	247	0.0	109	0.0	3	1.0	78	1.0	1	1.0	408	1.0	7196
2RD	SMALLEST	0.0	1153	0.0	204	0.0	104	0.0	4	1.0	68	1.0	2	1.0	407	1.0	6371
3RD	SMALLEST	0.0	1149	0.0	182	0.0	100	0.0	5	1.0	67	1.0	3	1.0	406	1.0	6370
4TH	SMALLEST	0.0	1148	0.0	180	0.0	96	0.0	8	1.0	1	1.0	4	1.0	405	1.0	4835
5TH	SMALLEST	0.0	1146	0.0	179	0.0	91	0.0	9	1.0	2	1.0	5	1.0	404	1.0	4692
6TH	SMALLEST	0.0	1145	0.0	176	0.0	87	0.0	10	1.0	3	1.0	6	1.0	403	1.0	2955
7TH	SMALLEST	0.0	1142	0.0	109	0.0	86	0.0	11	1.0	6	1.0	7	1.0	402	1.0	2952
8TH	SMALLEST	0.0	1120	0.0	91	0.0	85	0.0	12	1.0	14	1.0	8	1.0	401	1.0	718
9TH	SMALLEST	0.0	1037	0.0	87	0.0	82	0.0	13	1.0	15	1.0	9	1.0	400	2.0	6368
XTH	SMALLEST	0.0	87	0.0	82	0.0	81	0.0	14	1.0	20	1.0	10	1.0	399	2.0	2954

XTH	LARGEST	10.0	2422	10.0	13	12.0	406	4.0	2350	9.0	176	3.0	2350	348.0	7232	16.0	11
9TH	LARGEST	10.0	2602	10.0	124	12.0	415	4.0	2354	9.0	179	3.0	2351	351.0	4692	16.0	12
8TH	LARGEST	10.0	2793	10.0	317	12.0	416	4.0	2356	9.0	204	3.0	2352	351.0	4960	16.0	13
7TH	LARGEST	11.0	2453	10.0	378	12.0	418	4.0	2361	9.0	396	3.0	2353	360.0	1120	16.0	14
6TH	LARGEST	11.0	2980	10.0	959	12.0	422	4.0	8595	9.0	455	3.0	2354	360.0	4962	16.0	15
5TH	LARGEST	11.0	4067	10.0	1008	13.0	67	4.0	8760	9.0	752	3.0	2355	363.0	5165	16.0	16
4TH	LARGEST	11.0	5260	10.0	5436	13.0	399	5.0	7	9.0	756	3.0	2356	363.0	5298	16.0	17
3RD	LARGEST	12.0	2595	11.0	336	13.0	401	5.0	7	9.0	801	3.0	2357	366.0	2658	16.0	18
2RD	LARGEST	12.0	6580	11.0	1400	13.0	423	6.0	2365	9.0	928	3.0	2358	372.0	7219	16.0	19
1ST	LARGEST	11.0	6580	13.0	427	13.0	427	7.0	2	9.0	1163					16.0	20
THE MEAN VALUE		3.69		1.75		0.31		0.06		5.69		1.19				13.75	
STD. DEVIATION		2.94		2.54		1.23		0.28		1.92		0.58				3.33	
COFF. VARIATION		79.81		145.07		394.00		440.12		33.82		49.17				24.24	
BETA ONE		-0.11		1.11		5.64		11.51		0.08		2.28				-1.18	
BETA TWO		3.75		2.75		37.79		170.43		2.10		6.78				3.28	
(N-20)-AVG EST		3.69		1.75		0.25		0.06		5.69		1.19		39.00		13.75	
(N-20)-S.D. EST		2.94		2.55		1.18		0.23		1.94		0.59		66.70		3.35	
PCT. DIFF./MEANS		0.		0.		-5.		0.		0.		0.		-1.		0.	
PCT. DIFF/ST DVS		-0.		1.		-4.		-17.		1.		1.		-1.		0.	
SIZE OF SAMPLE		9414		9414		9414		9414		9388		9414		9402		9410	

STATISTICS FOR VARIABLES 97 THROUGH 97

97									
MILITARY DUT									
Y									
	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE	SBJCT	VALUE
1ST SMALLEST	0.0	1							
2RD SMALLEST	0.0	2							
3RD SMALLEST	0.0	3							
4TH SMALLEST	0.0	4							
5TH SMALLEST	0.0	5							
6TH SMALLEST	0.0	6							
7TH SMALLEST	0.0	7							
8TH SMALLEST	0.0	8							
9TH SMALLEST	0.0	9							
XTH SMALLEST	0.0	10							

XTH LARGEST	19.0	1113							
9TH LARGEST	19.0	1120							
8TH LARGEST	19.0	1121							
7TH LARGEST	19.0	1135							
6TH LARGEST	19.0	1137							
5TH LARGEST	19.0	1139							
4TH LARGEST	19.0	1140							
3RD LARGEST	19.0	1142							
2RD LARGEST	19.0	1407							
1ST LARGEST									
THE MEAN VALUE									
2.65									
STD. DEVIATION									
4.51									
COEFF/VARIATION									
170.43									
BETA ONE									
2.01									
BETA TWO									
6.51									
(N-20)-AVG EST									
2.63									
(N-20)-S.D. EST									
4.53									
PCT DIFF/MEANS									
-0.									
PCT DIF/ST DVS									
0.									
SIZE OF SAMPLE									
9414									

PART IV

Bivariate Frequency Tables

PART IV

TABLE OF CONTENTS

<u>X-Variable</u>	<u>Y-Variable(s)*</u>	<u>Pages</u>
Weight	- Height	IV-1
Weight	- Variables 3-58, 62, 64-68	IV-2 - IV-63
Height	- Variables 3-57, 62-68	IV-64 - IV-125
Head Circumference	- Variables 55-61	IV-126 - IV-132
Head Height	- Variables 56-61	IV-133 - IV-138
Head Length	- Variables 57-61	IV-139 - IV-143
Head Breadth	- Variables 58-61	IV-144 - IV-147
Face Breadth	- Variables 59-61	IV-148 - IV-150
Bitragion Diameter	- Variables 60-61	IV-151 - IV-152
Face Length	- Variable 61	IV-153
Foot Length	- Variables 63-68	IV-154 - IV-159
Foot Breadth	- Variables 65-68	IV-160 - IV-163
Heel Breadth	- Variables 66-68	IV-164 - IV-166
Ball-of-Foot	- Variables 67-68	IV-167 - IV-168
Heel-Ankle Diagonal	- Variable 68	IV-169
Foot Length	- Variables 8, 53	IV-170 - IV-171
Hand Length	- Variables 15, 16, 49, 50	IV-172 - IV-175
Palm Length	- Variables 16, 49, 50	IV-176 - IV-178
Hand Breadth	- Variables 49, 50	IV-179 - IV-180
Wrist Circumference	- Variable 50	IV-181
Chest Circumference	- Variables 37, 42, 34, 32, 36, 39, 43	IV-182 - IV-188
Neck Circumference	- Variable 37	IV-189
Sitting Height	- Variables 9, 27, 29, 22, 30	IV-190 - IV-194
Waist Circumference	- Variables 5, 43, 6	IV-195 - IV-197
Waist Height	- Variable 6	IV-198

* For identification of number variables see Table 1 or each Bivariate Frequency Table in series.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =HEIGHT (STATURE)

Y \ X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1
193.25																										0
191.25																										2
189.25																										1
187.25																										14
185.25																										36
183.25																										59
181.25																										143
179.25																										284
177.25																										407
175.25																										710
173.25																										939
171.25																										1057
169.25																										1338
167.25																										1348
165.25																										1107
163.25																										845
161.25																										493
159.25																										336
157.25																										164
155.25																										87
153.25																										31
151.25																										7
149.25																										5
147.25																										
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.524)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 0.701* Y - 55.329 / S.E. = 6.57
FOR Y ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- Y = 0.391* X +142.749 / S.E. = 4.91



Height (Stature)

Subject stands erect. Measure maximum distance from floor to top of head.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =CERVICAL HEIGHT

Y / X =	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
166.25													1													1
164.25																										4
162.25																										12
160.25																										31
158.25																										65
156.25																										170
154.25																										297
152.25																										398
150.25																										755
148.25																										1047
146.25																										1312
144.25																										1497
142.25																										1158
140.25																										1051
138.25																										772
136.25																										485
134.25																										244
132.25																										99
130.25																										38
128.25																										16
126.25																										3
124.25																										
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	0	1

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.529)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 0.744* Y - 44.326 / S.E. = 6.55
FOR Y ... MEAN = 142.41 S.D. = 5.49 ... REQ EQ-- Y = 0.376* X +119.241 / S.E. = 4.66

Cervical Height



Subject stands erect. Measure vertical distance from floor to base of neck (protrusion of the spinous process of the seventh cervical vertebra) with anthropometer parallel to the spinal column along the back.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT

AND

Y =SHOULDER (ACROMION) HEIGHT

Y / X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
160.25											1		1													1
158.25													2													2
156.25												1	1		2											3
154.25											1	3	2	1	1											13
152.25							1	1	1	1	3	2	3	2	1											22
150.25							1	5	3	10	11	11	7	5	4											68
148.25					1	4	19	17	24	13	28	19	7	13	6											161
146.25				2	3	12	33	33	62	41	49	28	17	10	6											311
144.25				2	6	29	63	62	98	70	88	37	17	17	7											517
142.25				2	19	71	139	114	188	91	82	54	27	19	7											833
140.25				2	10	24	104	206	148	206	93	93	34	19	20											986
138.25				4	34	66	164	311	190	234	121	74	51	24	18											1316
136.25				1	2	9	50	85	237	331	179	212	88	74	34											1338
134.25				1	8	17	90	137	271	323	177	184	91	43	21											1379
132.25				6	17	89	143	247	241	150	101	35	22	10	5											1072
130.25				6	20	69	98	180	154	70	55	13	9	4												679
128.25				1	12	18	62	71	99	66	30	19	2	4	1											386
126.25				1	6	12	32	34	46	27	8	9														178
124.25				9	11	24	9	31	10	5	1	1														101
122.25				1	4	6	5	6	6	1																30
120.25				2	4	4	2	4																		16
118.25				1																						2
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.512)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 0.732* Y - 38.450 / S.E. = 6.63
FOR Y ... MEAN = 136.72 S.D. = 5.40 ... REQ EQ-- Y = 0.359* X +114.596 / S.E. = 4.64



Shoulder Height

Subject stands erect. Measure vertical distance from floor to outer edge of right shoulder (acromion).

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =WAIST (TOP OF HIP BONE) HEIGHT

Y \ X =	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
120.00									1																	1
118.50									2																	0
117.00									1																	2
115.50									2																	7
114.00									1																	9
112.50									2																	40
111.00									1																	73
109.50									2																	136
108.00									1																	252
106.50									1																	459
105.00									1																	699
103.50									1																	932
102.00									1																	1152
100.50									1																	1150
99.00									1																	1290
97.50									1																	1077
96.00									1																	870
94.50									1																	563
93.00									1																	408
91.50									1																	169
90.00									1																	77
88.50									1																	30
87.00									1																	12
85.50									1																	4
84.00									1																	2
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.436)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 0.761* Y - 14.578 / S.E. = 6.94
FOR Y ... MEAN = 100.14 S.D. = 4.43 ... REQ EQ-- Y = 0.250* X + 84.734 / S.E. = 3.98



Waist Height

Subject stands erect. Measure vertical distance from floor to top of right hip bone.

.....A BIVARIATE FREQUENCY TABLE FOR

X = WEIGHT
AND
Y = CROTCH HEIGHT

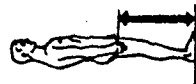
Y \ X =	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
= /	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
95.00																										1
93.50																										0
92.00																										2
90.50																										5
89.00																										27
87.50																										61
86.00																										128
84.50																										248
83.00																										461
81.50																										708
80.00																										943
78.50																										1206
77.00																										1280
75.50																										1374
74.00																										1081
72.50																										840
71.00																										489
69.50																										288
68.00																										177
66.50																										62
65.00																										18
63.50																										10
62.00																										4
60.50																										0
59.00																										1
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 0.366* Y + 33.535 / S.E. = 7.56
FOR Y ... MEAN = 76.76 S.D. = 4.21 ... REQ EQ-- Y = 0.109* X + 70.045 / S.E. = 4.13

(CORRELATION COEFFICIENT = 0.200)

Crotch Height



Subject stands erect. Measure vertical distance from floor to crotch.

NOTE: The scale on the anthropometer indicates the distance from the lower edge of the anthropometer arm. Therefore, ten (10) millimeters (the width of the arm) must be added to the recorded figure to obtain the true Crotch Height.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =KNEE HEIGHT

Y \ X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
59.25																										1
58.25							1		4	1	3	3	1	1	1	1										12
57.25							2	1	4	6	3	5	1	1	1	2	1	2	1							23
56.25							6	8	9	9	9	5	5	1	1	2	1	2	1							61
55.25							2	11	14	20	26	18	25	7	10	2	5	1	2							164
54.25							4	23	31	42	59	32	38	18	9	6	2	2	1							275
53.25							2	4	23	31	42	59	32	38	18	9	6	2	2		1					640
52.25							7	21	67	108	83	130	63	81	34	14	10	7	3	3						1006
51.25							3	21	28	97	205	149	193	102	89	52	22	16	7	2						1339
50.25							3	21	28	97	205	149	193	102	89	52	22	16	7	2						1436
49.25							4	12	55	93	245	293	200	226	116	83	45	22	16	4	1					1521
48.25							5	11	86	126	274	355	180	208	100	79	32	21	17	8	1					1268
47.25							8	26	81	137	258	277	171	146	64	34	27	15	8	4	3	6	1			363
46.25							1	8	14	59	62	107	90	43	28	11	11	5	2	1						444
45.25							12	9	31	46	54	51	17	22	6	5	5	2	1							259
44.25							1	3	7	11	7	10	12	7	4	3	1									68
43.25							1	2	6	3	4	2	1													19
42.25							1	2	1	2	1	1														9
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.357)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.143* Y + 4.463 / S.E. = 7.21
FOR Y ... MEAN = 50.01 S.D. = 2.41 ... REQ EQ-- Y = 0.111* X + 43.174 / S.E. = 2.25



Knee Height

Subject stands erect. Measure vertical distance from floor to top of right kneecap.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =CALF HEIGHT

Y \ X =	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
42.25					1	1	1	1	3		1	3			1				1							9
41.25					2	3	2	4	4	3	2	8	2		1	1	1									16
40.25					4	10	17	8	21	10	18	8	3	1	1	1	1									29
39.25		1			5	33	42	30	51	34	24	18	9	6	1	2	1	1	1							105
38.25				5	14	59	93	90	98	54	54	24	14	10	7	2	7	1	3							266
37.25			3	15	27	59	136	218	132	204	94	84	37	24	14	6	11	4	2	2		1				548
36.25	1	1	1	7	27	59	136	218	132	204	94	84	37	24	14	6	11	4	2	2						1064
35.25		2	5	41	85	198	285	184	231	101	102	53	29	19	11	8	6	1	1							1361
34.25		2	16	76	118	263	381	230	257	125	111	61	27	26	11	18	9	1	3	1						1737
33.25	1	14	24	97	128	288	331	209	225	107	64	42	16	16	9	5	2	1	2		1					1581
32.25		17	27	92	117	239	270	145	162	76	69	28	16	14	5	4	4	1	1							1288
31.25	2	7	16	64	89	162	177	93	99	35	32	13	9	7	2	4	1	1	1							813
30.25	1	6	8	30	54	73	79	41	37	20	13	6	3	4	1											380
29.25		5	8	21	21	33	22	16	10	9	6	2														156
28.25		1	4	5	7	6	9	5	3	1	1	1														44
27.25			1	1	3	2	3	1																		12
26.25		1				1																				4
25.25																										1
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.233)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 0.820* Y + 33.714 / S.E. = 7.51
FOR Y ... MEAN = 34.04 S.D. = 2.19 ... REQ EQ-- Y = 0.066* X + 29.976 / S.E. = 2.13



Calf Height

Subject stands erect. Measure vertical distance from floor to point of maximum calf circumference on right leg.

.....A BIVARIATE FREQUENCY TABLE FOR

X = WEIGHT
AND
Y = FUNCTIONAL ARM REACH-FORWARD

Y \ X =	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
= /	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
93.50							1					1														4
92.00						1					1															3
90.50				1		3	8	5	6	2	4	6	1	1	1	1	1									3
89.00					1	2	5	4	14	6	3	4	1	1	2	3	1									39
87.50																										47
86.00					5	11	10	23	25	15	8	13	5	2												120
84.50					3	18	47	19	46	34	33	11	7	9	4	2	4	2	1		1					241
83.00			2	8	11	40	89	60	89	56	54	30	10	14	5	10	3	1	2							484
81.50		1	1	14	30	66	139	99	125	55	63	35	23	11	6	7	4	3	4							686
80.00			2	24	33	113	183	126	168	83	81	45	17	14	4	9	8	4	1							916
78.50			7	36	69	166	233	165	217	109	79	44	19	15	7	5	8				1					1185
77.00	1	5	13	59	101	248	284	190	216	89	73	32	21	18	8	10	3	1	2						1	1373
75.50		14	16	65	112	226	266	143	147	77	67	27	17	11	9	4	4	1	2	1						1260
74.00		7	20	65	112	226	266	143	147	69	61	23	19	14	6	3	2	1								1184
72.50	1	6	24	78	94	163	204	103	105	38	32	16	7	7	2	3										883
71.00		8	12	53	65	126	112	69	49	24	20	9	3	1	1											552
69.50	2	4	12	34	33	55	39	19	15	9	5	6	1													235
68.00		5	5	19	28	29	16	13	6	5	1															128
66.50		3	3	12	4	6	7			2																37
65.00		2	3	5	2	5	2	1																		20
63.50				2	1	1	2	2	1																	9
62.00					1	1	1	2																		5
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.315)
FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 0.587* Y + 16.553 / S.E. = 7.32
FOR Y ... MEAN = 76.79 S.D. = 4.14 ... REQ EQ-- Y = 0.169* X + 66.377 / S.E. = 3.93

Functional Arm Reach Forward



Subject stands erect with his shoulders pressed against wall, right arm extended forward, palm down, and top of thumb and forefinger pressed together, forming an oval. Measure perpendicular distance from wall behind shoulder to tip of thumb.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =COAT LENGTH

Y \ X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
80.25																										3
79.25																										4
78.25																										16
77.25																										24
76.25																										84
75.25																										132
74.25																										238
73.25																										390
72.25																										602
71.25																										818
70.25																										1000
69.25																										1181
68.25																										1199
67.25																										1095
66.25																										880
65.25																										699
64.25																										475
63.25																										279
62.25																										152
61.25																										75
60.25																										44
59.25																										19
58.25																										3
57.25																										2
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.370)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 0.901* Y - 0.175 / S.E. = 7.17
FOR Y ... MEAN = 68.60 S.D. = 3.17 ... REQ EQ-- Y = 0.152* X + 59.229 / S.E. = 2.94

Coat Length



Subject stands erect, arms and fingers hanging down. Measure vertical distance between base of neck at right shoulder and first knuckle of right thumb.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =HIP BREADTH-STANDING

Y /X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1
41.75																										1
40.75																										0
39.75																										0
38.75																										1
37.75																										9
36.75																										58
35.75																										218
34.75																										594
33.75																										1355
32.75																										2191
31.75																										2352
30.75																										1688
29.75																										724
28.75																										185
27.75																										31
26.75																										7
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.755)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 3.741* Y - 58.715 / S.E. = 5.06
 FOR Y ... MEAN = 32.17 S.D. = 1.56 ... REQ EQ-- Y = 0.153* X + 22.740 / S.E. = 1.02
 STOP



Hip Breadth, Standing

Subject stands erect. Measure maximum distance across the hips.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =CHEST BREADTH

Y \ X =	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1
39.75																1										2
38.75												1					1									3
37.75												2														2
36.75												3														8
35.75												2														34
34.75												3														56
33.75												5														117
32.75												6														317
31.75												14														707
30.75												19														1478
29.75												54														2064
28.75												81														2195
27.75												96														1503
26.75												32														659
25.75												42														213
24.75												6														44
23.75												1														10
22.75												4														2
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.743)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 3.231* Y - 33.277 / S.E. = 5.16
FOR Y ... MEAN = 29.37 S.D. = 1.78 ... REQ EQ-- Y = 0.171* X + 18.835 / S.E. = 1.19



Chest Breadth

Subject stands erect and breathes normally. Measure breadth of chest at nipple level.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =CHEST DEPTH

Y / X =	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1
30.75																			1							3
29.75																										2
28.75																										13
27.75																										25
26.75																										89
25.75																										204
24.75																										471
23.75																										1156
22.75																										2162
21.75																										2597
20.75																										1776
19.75																										748
18.75																										143
17.75																										21
16.75																										4
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.723)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 3.595* Y - 17.892 / S.E. = 5.33
FOR Y ... MEAN = 22.12 S.D. = 1.55 ... REQ EQ-- Y = 0.145* X + 13.184 / S.E. = 1.07



Chest Depth

Subject stands erect and breathes normally. Measure depth of chest from right side at nipple level.

.....A BIVARIATE FREQUENCY TABLE FOR

X = WEIGHT

AND

Y = HAND LENGTH

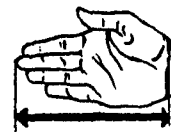
Y \ X =	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
= /	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
22.40												1														1
22.10													1													2
21.80								1	2		5	3	1	1				1								3
21.50								1	6		3	2	1	1												16
21.20								5	7	12	10	4	8	4												16
20.90								11	4	16	13	22	5	2												67
20.60								27	23	50	34	39	27	11	8											84
20.30								9	25	68	75	105	65	64	39	18	12	6	4							241
20.00								4	10	25	42	53	32	9	6	3	4	1	2							504
19.70								3	11	51	92	115	66	53	32	9	6	4	2							540
19.40								1	13	22	94	174	142	87	68	42	19	17	8							889
19.10								4	19	56	164	251	167	196	101	73	36	18	18							1125
18.80								8	37	85	177	295	174	190	92	83	31	18	16							1230
18.50								2	8	69	93	239	290	161	172	86	65	32	17							1266
18.20								1	6	15	75	105	235	286	150	163	52	49	25							1196
17.90								1	9	19	89	130	237	197	100	99	39	23	10							979
17.60									5	14	52	79	132	111	57	56	15	12	10							550
17.30									2	13	21	49	56	86	71	28	33	11	13							392
17.00									1	10	13	39	33	31	39	10	10	3								191
16.70									7	10	17	12	17	7	4	2	1									81
16.40									1	2	5	7	4	2	1											22
16.10									1	2	5	7	4	2	1											14
15.80									1	1	1	1														4
15.50																										1
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

(CORRELATION COEFFICIENT = 0.413)

SUMMARY STATISTICS

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 3.709* Y - 7.653 / S.E. = 7.03
 FOR Y ... MEAN = 18.68 S.D. = 0.86 ... REQ EQ-- Y = 0.046* X + 15.845 / S.E. = 0.78

Hand Length



Subject stands erect with right hand extended forward, palm up and fingers straight. Measure distance from wrist (navicular) to tip of middle finger.

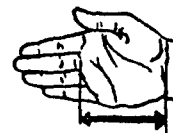
.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =PALM LENGTH

Y \ X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
12.65											1															1
12.45											3	1	1													2
12.25											1	3	7	2	3			1								8
12.05											3	9	7	2	5	1	1	2	1							24
11.85											9	16	3	12	3	4	3	1	2							53
11.65											17	34	21	8	9	2	3	2	2	2	1					119
11.45											32	48	31	10	7	2	7	3	1							244
11.25											44	87	44	19	15	6	10	6	1	3						395
11.05											51	87	44	19	15	6	10	6	1	3						793
10.85											58	108	123	182	201	101	86	48	22	17	10	11	8	2	2	968
10.65											62	161	250	198	201	101	86	48	22	17	10	11	8	2	2	1228
10.45											45	138	194	123	182	91	72	36	20	18	5	8	4	2	2	1482
10.25											41	62	161	250	198	201	101	86	48	22	17	10	11	8	2	1417
10.05											55	108	246	347	199	225	121	77	38	18	12	8	5	2	1	1299
9.85											66	118	243	337	182	216	75	77	33	16	15	8	2	2	3	588
9.65											13	27	97	132	273	158	155	56	54	20	16	13	4	2	1	413
9.45											17	16	65	71	139	119	52	57	26	14	10	3	1	4	1	226
9.25											20	45	69	97	76	26	37	11	7	4	3	1	1	1	1	90
9.05											45	69	97	76	26	37	11	7	4	3	1	1	1	1	1	42
8.85											39	35	50	42	19	13	6	2								12
8.65											4	13	13	13	24	7	8	2								2
8.45											5	9	12	9	1	2	3									3
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

(CORRELATION COEFFICIENT = 0.362)

SUMMARY STATISTICS
FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 5.338* Y + 5.840 / S.E. = 7.19
FOR Y ... MEAN = 10.45 S.D. = 0.52 ... REQ EQ-- Y = 0.025* X + 8.911 / S.E. = 0.49



Palm Length

With right hand in same position as for No. 19, measure distance from wrist to base of middle finger.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =HAND BREADTH

Y / X =	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1
10.95																										0
10.75																										0
10.55																										0
10.35																										2
10.15																										2
9.95																										2
9.75																										40
9.55																										98
9.35																										248
9.15																										593
8.95																										493
8.75																										1868
8.55																										1485
8.35																										1701
8.15																										1252
7.95																										657
7.75																										531
7.55																										109
7.35																										21
7.15																										7
6.95																										2
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	0	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.471)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 8.700* Y - 14.342 / S.E. = 6.81
FOR Y ... MEAN = 8.73 S.D. = 0.42 ... REQ EQ-- Y = 0.025* X + 7.192 / S.E. = 0.37



Hand Breadth

With right hand in same position as for No. 19 and No. 20, measure maximum breadth across base of fingers.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT

AND

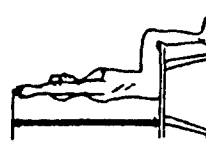
Y =ARM REACH-UPWARD

Y \ X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
156.25													1													1
154.25												1	2	3												2
152.25											1	5	8	5	2											9
150.25						1	7	1	13	16	16	14	5	6	2											35
148.25									6	25	26	17	6	5	3	1						1				88
146.25						5	18	10	33	25	26	17	6	6	2											160
144.25						1	3	34	40	87	69	34	15	17	5	4	6	3	1							375
142.25					4	10	40	96	115	153	87	92	43	21	11	9	7	2				1				718
140.25					4	21	90	201	121	208	116	97	59	19	19	16	5									989
138.25					5	24	48	185	302	213	254	118	93	43	25	11	9	5	1							1349
136.25					6	53	96	236	389	243	237	110	67	35	25	13	6	1								1533
134.25					1	13	72	126	305	349	174	188	73	50	30	13	4	1								1419
132.25					3	19	93	151	256	275	143	143	47	36	13	7	4									1200
130.25					1	7	18	92	105	188	148	74	60	19	17	5	2									743
128.25					2	19	29	65	79	119	70	27	20	9	7	3										452
126.25					1	8	16	41	39	45	29	17	5	1	6											209
124.25						11	10	19	20	21	9	4	2	1												98
122.25					3	3	5	5	4	3																23
120.25					2	1	3	1	2																	9
118.25					2																					2
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.492)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 0.770* Y - 43.104 / S.E. = 6.72
 FOR Y ... MEAN = 136.02 S.D. = 4.93 ... REQ EQ-- Y = 0.315* X +116.605 / S.E. = 4.29



Arm Reach Upward

Subject extends right arm and fingers upward. Measure vertical distance from seat to tip of middle finger.

.....A BIVARIATE FREQUENCY TABLE FOR

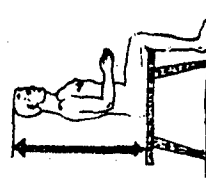
X =WEIGHT
AND
Y =SITTING HEIGHT

Y /X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
100.50												1														2
99.00										1	1	1	2													6
97.50												1	1	1	2	1	1		1							25
96.00												1	10	5	1	3	2		2							85
94.50												7	14	7	11	6	9									233
93.00												30	28	7	11	6	9		5							495
91.50												61	63	40	7	4	9		3		1					954
90.00												59	32	24	11	13	9		2		1					1390
88.50												56	29	31	11	19	4									1614
87.00												53	30	14	11	7	6		1							1633
85.50												26	12	8	5	3	3		1							1404
84.00												2	8	5	1											850
82.50												4	1	1					1							460
81.00												1	2	1												173
79.50																										71
78.00																										14
76.50																										4
75.00																										1
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.507)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.199* Y - 43.725 / S.E. = 6.65
FOR Y ... MEAN = 87.87 S.D. = 3.26 ... REQ EQ-- Y = 0.214* X + 74.680 / S.E. = 2.81



Sitting Height

Measure vertical distance from
seat to top of head.

.....A BIVARIATE FREQUENCY TABLE FOR

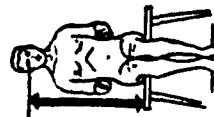
X =WEIGHT
AND
Y =EYE HEIGHT-SITTING

Y/X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4
88.50							1	3	2			1	2													10
87.00							1	6	5			1	4	3	3	2	2	2	2							52
85.50							1	27	14	5	11	11	9	11	3	2	2	2							1	151
84.00							3	19	42	53	26	17	9	15	7	12	6	6	4		2					350
82.50							5	36	49	81	94	44	35	20	11	14	7	2	3	1						726
81.00							7	106	144	164	125	65	29	24	10	14	9	1	3							1263
79.50							17	122	158	245	152	61	25	16	10	8	6		2							1563
78.00							39	201	350	211	297	104	81	31	16	6	3		1							1658
76.50							64	107	280	410	238	278	51	23	13	8	1	1								1498
75.00							19	97	158	343	218	188	58	21	7	5	2	2								1117
73.50							9	24	101	149	263	130	114	35	21	4	1									577
72.00							11	22	65	80	125	54	34	10	5	1										316
70.50							11	22	48	63	72	45	19	22	5	2										89
69.00							10	8	24	13	24	5	1	1	2											29
67.50							7	10	3	4	4															9
66.00							3	2	1	2	1															0
64.50																										2
63.00																										
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.481)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.141* Y - 25.895 / S.E. = 6.77
FOR Y ... MEAN = 76.71 S.D. = 3.25 ... REQ EQ-- Y = 0.202* X + 64.260 / S.E. = 2.85



Eye Height

Measure vertical distance from seat to level of inner corner of right eye. It is not necessary to touch the latter point with the instrument, since it can be located by sighting along the anthropometer arm.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT

AND

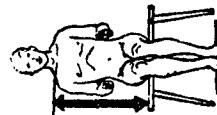
Y =MID-SHOULDER HEIGHT-SITTING

Y / X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
70.75									1		3	2	2	2	1	2	1									2
69.75								1	5	2	3	2	2	2	1	1			1							7
68.75								2	4	2	7	9	8	3	2	1	3				1					22
67.75								3	13	7	13	17	8	9	5	4	7	3								60
66.75								1	3	20	20	26	13	18	7	7	2	4	2							131
65.75								12	31	49	27	30	26	17	8	12	9	1	7							254
64.75								5	25	67	86	57	36	17	9	12	6	1	1							469
63.75								13	59	131	83	152	93	20	17	9	6	2								739
62.75								2	17	29	89	210	139	222	137	109	3	2	2							1084
61.75								3	29	69	156	246	187	235	113	85	44	5								1217
60.75								5	43	78	235	331	217	231	85	65	32	1								1366
59.75								2	14	74	106	235	312	182	198	72	5	3	1							1295
58.75								6	20	78	122	238	301	143	95	40	17									1031
57.75								7	21	82	107	203	161	77	74	21	8	1								770
56.75								1	9	21	53	89	138	76	43	24	5									469
55.75								1	10	16	46	57	76	33	8	8	2									258
54.75								1	13	8	28	18	22	18	7	3										118
53.75								1	5	14	10	9	6	2	2											49
52.75								4	2	4																15
51.75								3																		5
50.75								1																		1
49.75								2																		2
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.526)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.491* Y - 28.960 / S.E. = 6.56
 FOR Y ... MEAN = 60.76 S.D. = 2.72 ... REQ EQ-- Y = 0.186* X + 49.295 / S.E. = 2.32



Mid-Shoulder Height

Measure vertical distance from seat to point midway between neck-shoulder junction and top of outer edge of right shoulder.

.....A BIVARIATE FREQUENCY TABLE FOR

X = WEIGHT

AND

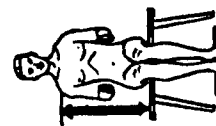
Y = SHOULDER (ACROMION) HEIGHT SITTING

Y / X =	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
= /	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2
68.75											1	1														2
67.75												1	1	1	1	1			1							22
66.75												5	3	5	4	1	1									41
65.75												6	7	4	4	2	1	1		1						80
64.75													23	14	10	4	9	3								177
63.75													33	13	15	7	6	4								366
62.75													35	18	19	5	10	6								569
61.75													38	19	16	8	7	5		1						774
60.75													88	38	19	11	4	2								1082
59.75													57	25	16	12	3									1221
58.75													45	16	13	12	4									1322
57.75													20	9	11	3	4									1254
56.75													17	9	4	2	1									974
55.75													7	3	3											667
54.75													5	4	1											419
53.75																										272
52.75																										112
51.75																										33
50.75																										15
49.75																										6
48.75																										2
47.75																										2
46.75																										2
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.477)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.291* Y - 13.291 / S.E. = 6.78
 FOR Y ... MEAN = 58.03 S.D. = 2.85 ... REQ EQ-- Y = 0.176* X + 47.187 / S.E. = 2.51



Shoulder Height

Measure vertical distance from seat to top of outer edge of right shoulder.

.....A BIVARIATE FREQUENCY TABLE FOR

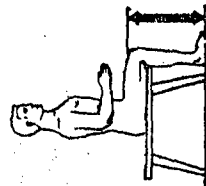
X =WEIGHT
AND
Y =KNEE HEIGHT-SITTING

Y /X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	TOTALS
60.75											2	2	2	1			1								1	6
59.75							1	3	2	1	1	1	2	2			1	1							12	12
58.75							1	4	7	10	7	6	2	1	2			3	2		1				49	49
57.75							1	13	16	13	21	18	10	6	6			1	1						123	123
56.75					1	4	10	28	29	56	37	59	33	14	5	3		1	3						303	303
55.75					4	10	28	29	56	37	59	33	14	16	5	3		1	3						515	515
54.75				1	1	6	30	66	64	118	65	78	33	13	15	5		1	4						1009	1009
53.75				4	15	75	176	153	214	109	108	49	38	20	16	20	8	3		1					1425	1425
52.75				3	20	49	144	305	184	287	154	123	73	30	20	9	13	6	2						1716	1716
51.75				2	9	55	107	262	405	273	291	132	74	45	22	6	5	4	1						1536	1536
50.75				7	9	72	118	326	373	214	209	80	72	27	12	8	4	1							1330	1330
49.75				2	7	30	105	176	308	316	144	142	50	25	11	6	4	3							723	723
48.75				2	11	20	93	113	183	153	75	39	17	10	4	3									437	437
47.75				9	24	76	73	120	74	27	23	4	2	4	1										151	151
46.75				10	13	32	29	27	23	8	3	2													53	53
45.75				5	6	14	7	13	5	1	2														25	25
44.75				1	5	5	4	6	4																	
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.515)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.781* Y - 30.144 / S.E. = 6.62
FOR Y ... MEAN = 51.53 S.D. = 2.23 ... REQ EQ-- Y = 0.149* X + 42.347 / S.E. = 1.91



Knee Height

Measure vertical distance from footrest to top of right knee.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =POPLITEAL HEIGHT-SITTING

Y / X =	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48.25							1	2			1						1									1
47.25							1	2	1	7	2	2	1	6	2	1										5
46.25							1	2	4	9	7	9	1	3	1	1										25
45.25							1	2	14	17	26	34	26	24	24	3	1	1	1	1						48
44.25							1	5	17	44	83	60	87	46	56	28	15	11	4	2						184
43.25							1	2	8	33	104	199	135	212	98	106	38	12	6	4	2					472
42.25							1	5	17	44	83	60	87	46	56	28	15	11	4	2						983
41.25							1	2	8	33	104	199	135	212	98	106	38	12	6	4	2					1730
40.25							1	2	8	33	104	199	135	212	98	106	38	12	6	4	2					2096
39.25							1	2	8	33	104	199	135	212	98	106	38	12	6	4	2					1923
38.25							1	2	8	33	104	199	135	212	98	106	38	12	6	4	2					1154
37.25							1	2	8	33	104	199	135	212	98	106	38	12	6	4	2					550
36.25							1	2	8	33	104	199	135	212	98	106	38	12	6	4	2					185
35.25							1	2	8	33	104	199	135	212	98	106	38	12	6	4	2					41
34.25							1	2	8	33	104	199	135	212	98	106	38	12	6	4	2					15
33.25							1	2	8	33	104	199	135	212	98	106	38	12	6	4	2					2
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

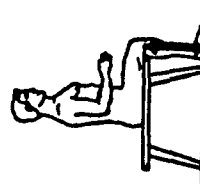
SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.273)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.172* Y + 14.562 / S.E. = 7.42
FOR Y ... MEAN = 40.16 S.D. = 1.80 ... REQ EQ-- Y = 0.064* X + 36.216 / S.E. = 1.73

Popliteal Height

Measure vertical distance from footrest to underside of right knee.



NOTE: The scale on the anthropometer indicates the distance from the lower edge of the anthropometer arm. Therefore, ten (10) millimeters (the width of the arm) must be added to the recorded figure to obtain the true Popliteal Height.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =ARM REACH-FORWARD

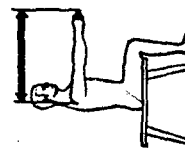
Y \ X =	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
= /	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
98.00																										1
96.50																										17
95.00																										40
93.50																										94
92.00																										219
90.50																										453
89.00																										705
87.50																										1199
86.00																										1436
84.50																										1529
83.00																										1441
81.50																										1092
80.00																										635
78.50																										317
77.00																										155
75.50																										52
74.00																										20
72.50																										6
71.00																										1
TOTALS	5	57	120	476	704	1505	1930	1188	1408	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9412

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.431)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 0.925* Y - 16.790 / S.E. = 6.97
FOR Y ... MEAN = 84.78 S.D. = 3.59 ... REQ EQ-- Y = 0.201* X + 72.392 / S.E. = 3.24

Arm Reach Forward



Subject's right arm and fingers are extended forward parallel to the floor. Measure distance from back of right shoulder (greatest bulge of trapezius) to tip of middle finger.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT

AND

Y =SHOULDER-ELBOW LENGTH

Y / X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3
41.50											1	2	1	1	1	3										6
41.00						1		1	1	1	2	1	1	2	1	1										11
40.50							2	3	5	2	1	1	4	2	2	2			1							26
40.00						1	4	6	13	11	8	14	6	4	2	4										76
39.50						8	12	7	18	18	16	15	9	8	3	5										129
39.00					1	3	6	24	35	39	37	25	10	8	6	5										240
38.50					3	5	13	38	50	63	43	38	18	6	4	4										299
38.00			1		5	9	41	80	64	122	65	74	35	17	9	7										551
37.50				5	17	67	135	87	147	71	79	41	18	13	12	10										709
37.00				7	35	125	220	162	205	93	75	45	26	17	6	3										1059
36.50				3	19	50	136	216	129	197	82	71	34	16	5	2										995
36.00				5	32	50	136	216	129	197	82	71	34	16	5	2										1325
35.50				7	48	89	243	310	175	195	106	79	32	16	9	2										974
35.00				2	17	50	70	175	254	143	128	44	16	12	9	3										1038
34.50				7	18	68	122	226	257	128	118	44	31	8	3	1										706
34.00				1	7	17	74	100	143	141	94	75	26	14	2	1										555
33.50				1	6	13	66	74	146	120	53	44	22	6	3	1										346
33.00				2	9	11	44	53	93	67	35	20	2	5	2	1										182
32.50			1	7	11	27	37	43	29	12	11	2	1	1	2											93
32.00				6	9	17	18	23	11	2	4	1	2													48
31.50				6	5	8	11	8	5	1	2	1	1													26
31.00				2	1	5	8	4	5	1																12
30.50				1	1	6	1	1	3																	2
30.00																										2
29.50																										2
TOTALS	5	57	120	476	704	1506	1930	1188	1408	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9413

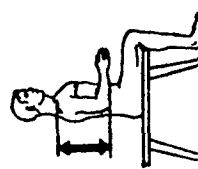
(CORRELATION COEFFICIENT = 0.479)

SUMMARY STATISTICS

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 2.290* Y - 19.731 / S.E. = 6.77

FOR Y ... MEAN = 35.53 S.D. = 1.61 ... REQ EQ-- Y = 0.100* X + 29.366 / S.E. = 1.42

Shoulder-Elbow Length



Subject's right upper arm hangs down at his side, forearm is extended forward at right angles. Measure the vertical distance from the edge of right shoulder to right elbow.

.....A BIVARIATE FREQUENCY TABLE FOR

X = WEIGHT

AND

Y = FOREARM HAND LENGTH

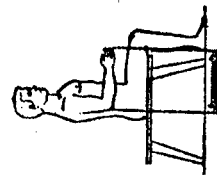
Y \ X =	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	54.25	50.00	44.00	40.00	36.00	32.00	28.00	24.00	20.00	16.00	12.00	8.00	4.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1
53.25																										4
52.25																										21
51.25																										69
50.25																										206
49.25																										496
48.25																										946
47.25																										1541
46.25																										1864
45.25																										1877
44.25																										1271
43.25																										680
42.25																										318
41.25																										90
40.25																										25
39.25																										4
TOTALS	5	57	120	476	704	1506	1930	1188	1408	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9413

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.445)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.756* Y - 19.227 / S.E. = 6.91

FOR Y ... MEAN = 46.05 S.D. = 1.96 ... REQ EQ-- Y = 0.113* X + 39.082 / S.E. = 1.75



Forearm-Hand Length

Subject's right upper arm hangs down at his side, forearm and fingers extended forward at right angles. Measure the distance from the elbow to the tip of the middle finger.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =SHOULDER BREADTH

Y/X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	TOTALS
54.25																1	1	1							1	2
53.25																										3
52.25																		1								1
51.25																	3	2	4		1					15
50.25																	4	4	4							29
49.25																	8	2	3	1						69
48.25																	9	1	2							95
47.25			2	1													18	5	1							194
46.25					1												2									338
45.25						1											3	2								590
44.25							6	27	51	121	114	137	74	32	19	3	2									1082
43.25																	1									1456
42.25																										1671
41.25																										1657
40.25																										1135
39.25																										644
38.25																										282
37.25																										117
36.25																										21
35.25																										8
34.25																										4
TOTALS	5	57	120	476	704	1506	1930	1188	1408	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9413

SUMMARY STATISTICS

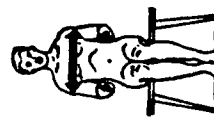
(CORRELATION COEFFICIENT = 0.783)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ--

X = 2.573* Y - 47.546 / S.E. = 4.80

FOR Y ... MEAN = 42.43 S.D. = 2.35 ... REQ EQ--

Y = 0.238* X + 27.763 / S.E. = 1.46



Shoulder Breadth

Subject's upper arms hang down at his sides and forearms are extended forward at right angles, elbows against the body. Measure the maximum distance across the upper arm muscles.

.....A BIVARIATE FREQUENCY TABLE FOR

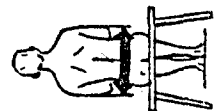
X = WEIGHT
AND
Y = ELBOW-TO-ELBOW BREADTH

Y / X =	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
= /	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1
61.50																		1								1
60.00																		2								1
58.50																		3	1							8
57.00																		1								8
55.50																		2								10
54.00																		1								10
52.50																		2								44
51.00																		3								76
49.50																		4								101
48.00																		5								181
46.50																		6								282
45.00																		7								455
43.50																		8								813
42.00																		9								1294
40.50																		10								1872
39.00																		11								1738
37.50																		12								1460
36.00																		13								683
34.50																		14								284
33.00																		15								56
31.50																		16								29
30.00																		17								12
TOTALS	5	57	120	476	704	1506	1929	1187	1408	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9411

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.741)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.629* Y - 6.697 / S.E. = 5.19
FOR Y ... MEAN = 41.94 S.D. = 3.51 ... REQ EQ-- Y = 0.337* X + 21.175 / S.E. = 2.36



Elbow-Elbow Breadth

Subject is in the same position as for No. 32. From behind the subject, measure the maximum distance across the elbows.

.....A BIVARIATE FREQUENCY TABLE FOR

X = WEIGHT

AND

Y = HIP BREADTH-SITTING

Y / X =	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
= /	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1
42.25																			1							1
41.25																			3							9
40.25																		6	8							36
39.25																		2	3							82
38.25																		2								195
37.25																		2								446
36.25																		1								819
35.25																										1465
34.25																										2097
33.25																										2117
32.25																										1340
31.25																										603
30.25																										166
29.25																										27
28.25																										7
27.25																										
TOTALS	5	57	120	476	704	1506	1929	1188	1408	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9412

SUMMARY STATISTICS

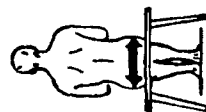
(CORRELATION COEFFICIENT = 0.817)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ--

X = $3.433 * Y - 52.049$ / S.E. = 4.45

FOR Y ... MEAN = 33.11 S.D. = 1.84 ... REQ EQ--

Y = $0.194 * X + 21.157$ / S.E. = 1.06



Hip Breadth, Sitting

Measure maximum distance across the hips.

.....A BIVARIATE FREQUENCY TABLE FOR

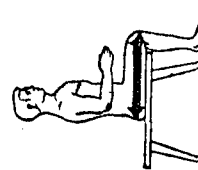
X =WEIGHT
AND
Y =BUTTOCK-KNEE LENGTH

Y / X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
65.25																										2
64.25																										3
63.25																										14
62.25																										31
61.25																										104
60.25																										218
59.25																										466
58.25																										814
57.25																										1162
56.25																										1461
55.25																										1603
54.25																										1453
53.25																										1017
52.25																										629
51.25																										265
50.25																										119
49.25																										44
48.25																										5
47.25																										3
TOTALS	5	57	120	476	704	1506	1930	1188	1408	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9413

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.570)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.867# Y - 42.132 / S.E. = 6.34
FOR Y ... MEAN = 55.58 S.D. = 2.36 ... REQ EQ-- Y = 0.174# X + 44.853 / S.E. = 1.94



Buttock-Knee Length

Measure distance from rear pro-
jection of right buttock to
front of right kneecap.

.....A BIVARIATE FREQUENCY TABLE FOR

X = WEIGHT
AND
Y = BUTTOCK-POPLITEAL LENGTH

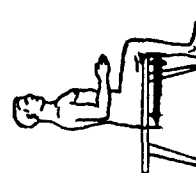
Y \ X =	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
= /	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
52.75						3	2	3	2	5	6	4	2	1	3	2	2	2	1							5
51.75					1	2	4	7	13	9	16	8	2	3	3	4	4	1								38
50.75				1				21	25	42	34	21	16	12	6	7	6	4	1							79
49.75					3	5		36	59	93	58	77	36	18	7	9	5	2								235
48.75		1	1	3	6	23	60	59	93	58	77	36	18	18	7	9	5	4								480
47.75				2	8	27	79	158	120	176	94	99	43	33	25	16	12	4	4	1						906
46.75		1	2	31	59	155	280	189	295	136	136	64	20	27	8	11	5	2								1423
45.75			9	47	91	245	389	225	307	135	113	55	28	22	8	8	4									1686
44.75		1	13	17	78	136	314	388	241	234	106	62	41	22	7	2	5	4								1671
43.75		1	9	20	102	144	292	342	186	134	61	35	12	6	2	1	1	3								1351
42.75		1	7	26	93	126	222	190	93	75	30	11	9	3	1											888
41.75		1	9	24	64	52	118	69	28	29	6	6	1													408
40.75			14	8	38	42	32	21	9	8	1															173
39.75		1	3	7	5	13	13	5	3																	52
38.75				3	5	3	3	1																		15
37.75				1	1																					3
TOTALS	5	57	120	476	704	1506	1930	1188	1408	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9413

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.470)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.699* Y - 15.408 / S.E. = 6.81
 FOR Y ... MEAN = 45.34 S.D. = 2.14 ... REQ EQ-- Y = 0.130* X + 37.331 / S.E. = 1.89
 STOP

Buttock-Popliteal Length



Measure distance from rear projection of right buttock to back of right knee.

NOTE: The scale on the anthropometer indicates the distance from the lower edge of the anthropometer arm. Therefore, ten (10) millimeters (the width of the arm) must be added to the recorded figure to obtain the true Buttock-Popliteal Length.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =BACK-WAIST LENGTH

Y \ X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1
59.25																										0
58.25																										6
57.25																										7
56.25																										18
55.25																										44
54.25																										104
53.25																										234
52.25																										358
51.25																										848
50.25																										924
49.25																										1402
48.25																										1276
47.25																										1403
46.25																										1047
45.25																										770
44.25																										446
43.25																										286
42.25																										132
41.25																										59
40.25																										18
39.25																										8
38.25																										15
37.25																										5
36.25																										3
35.25																										
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.436)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.234* Y + 3.529 / S.E. = 6.95
FOR Y ... MEAN = 47.08 S.D. = 2.72 ... REQ EQ-- Y = 0.154* X + 37.592 / S.E. = 2.45

Back-Waist Length

Measure along spinal crease of
back from base of neck to level
of waist (top of hip bones).



.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT

AND

Y =SHOULDER LENGTH

Y \ X =	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	11
19.60								1	2		3	6	4	1	1	2										29
19.10					3	2		3	7	3	6	9	4	4		2	1	2								83
18.60				3	1	6	12	11	8	6	14	9	4	3	3	1	3	2	2							204
18.10				3	4	18	29	21	34	26	20	18	12	8	6	4	5	2	5	1					1	327
17.60			1	9	9	23	50	43	48	47	29	23	13	8	6	4	5	2	5							768
17.10			3	19	41	91	138	97	128	71	69	40	12	20	8	12	10	1	6							1021
16.60			2	21	48	117	178	128	179	106	96	50	37	25	11	11	7	4	1							1951
16.10			5	13	62	103	245	380	327	139	153	70	28	28	14	10	6	1	1							1555
15.60			6	10	64	104	251	343	208	263	119	88	40	26	14	7	6	1								2056
15.10	1	15	34	138	189	400	481	273	280	103	72	33	15	10	4	7	1									880
14.60	1	10	27	68	121	197	200	86	99	33	22	9	3	1	1	2										506
14.10	3	16	20	74	64	118	97	46	28	20	12	6					1									86
13.60			3	5	9	15	27	14	4	5	1	1														32
13.10			1	5	4	9	5	1	1																	2
12.60					1	1																				1
12.10																										2
11.60																										1
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.355)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 2.690* Y + 19.292 / S.E. = 7.21

FOR Y ... MEAN = 15.74 S.D. = 1.02 ... REQ EQ-- Y = 0.047* X + 12.843 / S.E. = 0.95



Shoulder Length

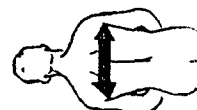
Measure along top of right
shoulder from junction of neck
to level of waist (top of hip
bones).

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =INTERSCYE BREADTH

Y / X =	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS	
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1	
52.25																										1	
51.25																										5	
50.25																										13	
49.25																										20	
48.25																										46	
47.25																										94	
46.25																										140	
45.25																										291	
44.25																										553	
43.25																										741	
42.25																										857	
41.25																										1457	
40.25																										1259	
39.25																										1113	
38.25																										933	
37.25																										714	
36.25																										499	
35.25																										343	
34.25																										174	
33.25																										94	
32.25																										48	
31.25																										16	
30.25																										1	
29.25																										1	
28.25																										1	
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.436)
 FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.112* Y + 18.021 / S.E. = 6.94
 FOR Y ... MEAN = 39.22 S.D. = 3.03 ... REQ EQ-- Y = 0.171* X + 28.678 / S.E. = 2.72



Interscye Breadth
 Subject's arms are hanging down.
 Measure across back between arm-pit creases (scye points).

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =INTERSCYE MAXIMUM

Y / X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1
72.50																		1								3
71.00											3	1	1	1				2	2	1	1					15
69.50											1	1	5	5	1	1	3	6	1							26
68.00											5	12	5	13	4	9	5	2	1							66
66.50											13	20	9	14	11	6	2	1	4							101
65.00											20	25	20	17	10	7	7	1	2							223
63.50											42	28	19	17	8	10	9	2	1							386
62.00											63	34	31	12	12	4	2									882
60.50											49	20	7	6	5	2										968
59.00											3	1														1484
57.50											18	7	2	3												1384
56.00											56	18	7	1												1358
54.50											3	1														895
53.00											14	3														757
51.50											6	1	1	1												385
50.00											9	3	1	1												183
48.50											2	2	1													96
47.00											2	2														82
45.50											3	1														52
44.00											3															24
42.50											1	2	1													7
41.00											1															21
39.50											2															5
38.00											4															
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.578)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.066* Y + 1.960 / S.E. = 6.30
FOR Y ... MEAN = 55.98 S.D. = 4.19 ... REQ EQ-- Y = 0.314* X + 36.624 / S.E. = 3.42



Interscye Maximum

Subject's arms and hands are extended fully forward. Measure minimum distance across the back between the scye points.

*****A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =SLEEVE INSEAM

Y \ X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
58.75																										1
57.75																										1
56.75																										0
55.75																										2
54.75																										9
53.75																										16
52.75																										50
51.75																										157
50.75																										165
49.75																										338
48.75																										1095
47.75																										1450
46.75																										1525
45.75																										1618
44.75																										1142
43.75																										730
42.75																										359
41.75																										150
40.75																										51
39.75																										39
38.75																										13
37.75																										1
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.318)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.066* Y + 11.885 / S.E. = 7.32
FOR Y ... MEAN = 46.67 S.D. = 2.30 ... REQ EQ-- Y = 0.095* X + 40.810 / S.E. = 2.18



Sleeve Inseam

Subject's arms and fingers are straight and right arm is held away from the body at a 45-degree angle. Measure distance from front edge of right armpit to notch between thumb and wrist.

.....A BIVARIATE FREQUENCY TABLE FOR

X = WEIGHT

AND

Y = SLEEVE LENGTH (SPINE TO WRIST)

Y \ X =	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
= /	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
99.00																										1
97.50																										1
96.00																										3
94.50																										3
93.00																										23
91.50																										34
90.00																										137
88.50																										326
87.00																										599
85.50																										1029
84.00																										1333
82.50																										1655
81.00																										1596
79.50																										772
78.00																										400
76.50																										174
75.00																										96
73.50																										23
72.00																										14
70.50																										1
69.00																										
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.535)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.180* Y - 35.302 / S.E. = 6.52
FOR Y ... MEAN = 82.15 S.D. = 3.50 ... REQ EQ-- Y = 0.243* X + 67.170 / S.E. = 2.96

Sleeve Length

Subject's upper arms are raised and pointing horizontally, fore-arms crooked at a 90-degree angle, and hands making fists. Place the two fists against each other in front, knuckles touching. Measure from spinal crease, over the right elbow, to right wrist (middle of styloid process).



.....A BIVARIATE FREQUENCY TABLE FOR

X = WEIGHT
AND
Y = HEAD CIRCUMFERENCE

Y \ X =	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	99	101	104	107	110	113	TOTALS
= /	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
61.70									1					1			1		2							3
61.20											2	1	1	1						1						5
60.70									3		2	1	2	5	1	3	2		1							15
60.20									2	4	5	2	10	6	3	4	3	2	1							25
59.70									8	8	7	14	8	11	2	6	5	2	1							74
59.20						2	6	14	11	30	19	23	8	14	2	6	5	2	1							149
58.70						10	11	30	27	45	47	45	30	14	5	5	10	2								296
58.20						1	9	33	50	38	86	60	34	14	9	4	4	2								415
57.70							1	5	64	97	84	123	49	34	15	10	4	4	2							651
57.20						3	16	24	70	149	126	149	78	20	15	9	10	4	4							790
56.70						4	28	48	143	218	171	208	110	102	42	15	8	3	2							1133
56.20						2	32	65	153	229	150	207	92	87	37	16	7	3	2							1093
55.70							15	59	94	239	292	191	211	87	68	19	4	3	2							1269
55.20							1	50	105	209	278	144	131	48	25	15	3	1								1029
54.70							7	24	72	108	198	272	109	107	37	12	4	1								958
54.20							10	9	72	83	151	136	66	49	17	4	2									599
53.70							12	10	65	69	118	87	48	37	5	1										456
53.20							5	12	37	38	54	41	8	2												205
52.70							2	9	12	18	20	26	14	6	3											113
52.20							2	5	15	14	15	12	4	1												69
51.70							3	7	2	6	11	4														33
51.20											2	1														8
50.70																										2
50.20																										
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.510)

FOR X ... MEAN = 51.63 S.D. = 7.72 ... REQ EQ-- X = 2.525* Y - 77.984 / S.E. = 6.64
FOR Y ... MEAN = 55.29 S.D. = 1.56 ... REQ EQ-- Y = 0.103* X + 48.945 / S.E. = 1.34



Head
Measure maximum circumference
at forehead, above ears.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =NECK CIRCUMFERENCE

Y \ X =	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45.25															1	2	2	2	2						1	10
44.25													1	3	1	1	2	2	2		1					11
43.25											4	3	2	11	5	5	10	3	6	1						51
42.25									1	5	13	14	17	19	6	10	16	5	3							109
41.25												49	33	34	21	21	6	2	2							277
40.25												79	49	27	12	15	4									540
39.25															6	4										995
38.25												83	31	18	6											1649
37.25												53	14	6	2											2153
36.25												70	19	5												1899
35.25												21	3			1										1162
34.25												2	1													428
33.25																										101
32.25																										25
31.25																										3
30.25																										
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 3.098* Y - 50.955 / S.E. = 5.13
FOR Y ... MEAN = 36.34 S.D. = 1.86 ... REQ EQ-- Y = 0.180* X + 25.248 / S.E. = 1.24

(CORRELATION COEFFICIENT = 0.747)



Neck

Measure circumference just below
top of Adams's apple.

.....A BIVARIATE FREQUENCY TABLE FOR

X = WEIGHT
AND
Y = SHOULDER CIRCUMFERENCE

Y \ X =	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1
147.00																										1
144.50																										0
142.00																										3
139.50																										3
137.00																										4
134.50																										11
132.00																										25
129.50																										47
127.00																										81
124.50																										107
122.00																										185
119.50																										269
117.00																										429
114.50																										679
109.50																										1284
107.00																										1579
104.50																										1747
102.00																										1366
99.50																										979
97.00																										416
94.50																										140
92.00																										42
89.50																										16
																										1

TOTALS 5 57 120 476 7041506193011881409 674 585 304 152 119 55 59 40 12 15 1 2 0 0 1 9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.869)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.064*Y - 54.274 / S.E. = 3.81
FOR Y ... MEAN = 108.93 S.D. = 6.31 ... REQ EQ-- Y = 0.710*X + 65.176 / S.E. = 3.12



Shoulder

Measure circumference of upper body, over bulges of upper arm muscles.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =CHEST CIRCUMFERENCE

Y \ X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1
124.00																		1	1							2
121.50																										0
119.00																										0
116.50																										2
114.00																										7
111.50																										15
109.00																										5
106.50																										52
104.00																										111
101.50																										159
99.00																										393
96.50																										640
94.00																										1289
91.50																										1617
89.00																										2058
86.50																										1480
84.00																										965
81.50																										382
79.00																										120
76.50																										32
74.00																										4
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.201* Y - 46.905 / S.E. = 4.08
FOR Y ... MEAN = 90.37 S.D. = 5.46 ... REQ EQ-- Y = 0.600* X + 53.393 / S.E. = 2.88

(CORRELATION COEFFICIENT = 0.849)



Chest

Subject is breathing normally.
Measure chest circumference at
nipple level.

.....A BIVARIATE FREQUENCY TABLE FOR

X = WEIGHT
AND
Y = WAIST CIRCUMFERENCE

Y \ X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS	
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1
114.50																										1	
112.00																										0	
109.50																										4	
107.00																										9	
104.50																										13	
102.00																										30	
99.50																										47	
97.00																										76	
94.50																										93	
92.00																										137	
89.50																										198	
87.00																										341	
84.50																										596	
82.00																										978	
79.50																										1277	
77.00																										1638	
74.50																										1420	
72.00																										1289	
69.50																										771	
67.00																										353	
64.50																										111	
62.00																										29	
59.50																										3	
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414	

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.820)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 0.942* Y - 11.407 / S.E. = 4.42
FOR Y ... MEAN = 77.53 S.D. = 6.71 ... REQ EQ-- Y = 0.713* X + 33.592 / S.E. = 3.85

Waist

Circumference at level of navel
with abdomen relaxed. Place tape
around waist with abdomen "sucked
in". Ask subject to relax ("let
it out") and loosen tape as ab-
domen is relaxed. Read circum-
ference when fully relaxed.



.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =HIP CIRCUMFERENCE

Y \ X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1
124.25																										0
122.25																										0
120.25																										0
118.25																										0
116.25																										0
114.25																										2
112.25																										8
110.25																										10
108.25																										16
106.25																										55
104.25																										85
102.25																										144
100.25																										254
98.25																										490
96.25																										780
94.25																										1221
92.25																										1618
90.25																										1702
88.25																										1370
86.25																										909
84.25																										485
82.25																										191
80.25																										61
78.25																										10
76.25																										2
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.910)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.466* Y - 72.700 / S.E. = 3.20
FOR Y ... MEAN = 91.63 S.D. = 4.79 ... REQ EQ-- Y = 0.565* X + 56.810 / S.E. = 1.98



Hip

Measure circumference around hips at level of greatest buttock protrusion.

.....A BIVARIATE FREQUENCY TABLE FOR

X = WEIGHT
AND
Y = VERTICAL TRUNK CIRCUMFERENCE

Y \ X =	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
= /	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1
194.25																										2
191.25																										0
188.25																										2
185.25																										6
182.25																										11
179.25																										22
176.25																										44
173.25																										99
170.25																										177
167.25																										357
164.25																										563
161.25																										981
158.25																										1244
155.25																										1574
152.25																										1562
149.25																										1280
146.25																										799
143.25																										424
140.25																										173
137.25																										64
134.25																										21
131.25																										9
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.808)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 0.839* Y - 68.246 / S.E. = 4.55
FOR Y ... MEAN = 154.80 S.D. = 7.43 ... REQ EQ-- Y = 0.778* X +106.851 / S.E. = 4.38



Vertical Trunk

Measure vertical circumference through the crotch, over the right buttock, and over the midpoint of the right shoulder.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =ARMSCYE CIRCUMFERENCE

Y \ X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
58.50													1					1							1	2
57.00												1	2				4		1							2
55.50											1	1	2	4		1	2		6	1						11
54.00											1	3	12	3	4	10	6	4			1					18
52.50											8	10	7	6	1	2	4	4	1							55
51.00											33	27	17	29	11	18	8	2	3							57
49.50											37	20	15	21	9	8	3	1								206
48.00											70	56	38	20	9	11	8	1								198
46.50											87	54	24	12	13	5	3									519
45.00											72	21	16	5	1	1										562
43.50											189	168	72	21	5	1	1									1449
42.00											263	105	72	26	3	1	1									1255
40.50											368	136	63	31	6											2560
39.00											26	17	1													1047
37.50											88	52	18	1												1045
36.00											2	3	1													253
34.50											1															142
33.00																										20
31.50																										10
30.00																										3
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = . 0.672)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.534* Y - 2.104 / S.E. = 5.71
FOR Y ... MEAN = 41.55 S.D. = 3.38 ... REQ EQ-- Y = 0.295* X + 23.367 / S.E. = 2.50



Armscye

Subject's right arm is hanging straight down. Measure vertical circumference with tape as high as possible under right armpit and passing over acromion (knob on top of outside edge of right shoulder).

.....A BIVARIATE FREQUENCY TABLE FOR

X = WEIGHT

AND

Y = UPPER ARM CIRCUMFERENCE, RELAXED

Y \ X =	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
= /	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
38.25																										1
37.25																										1
36.25																										5
35.25																										12
34.25																										24
33.25																										62
32.25																										108
31.25																										164
30.25																										318
29.25																										486
28.25																										809
27.25																										1373
26.25																										1691
25.25																										1781
24.25																										1403
23.25																										743
22.25																										325
21.25																										81
20.25																										25
19.25																										1
18.25																										1
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.757)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 2.539* Y - 4.552 / S.E. = 5.04
FOR Y ... MEAN = 26.07 S.D. = 2.30 ... REQ EQ-- Y = 0.226* X + 12.138 / S.E. = 1.50



Upper Arm

Measure circumference of right upper arm midway between shoulder and elbow with biceps relaxed.

.....A RIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =BICEPS CIRCUMFERENCE, FLEXED

Y / X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1
40.75																										2
39.75																										3
38.75																										11
37.75																										19
36.75																										31
35.75																										85
34.75																										110
33.75																										170
32.75																										295
31.75																										436
30.75																										812
29.75																										1253
28.75																										1481
27.75																										1708
26.75																										1375
25.75																										958
24.75																										442
23.75																										160
22.75																										46
21.75																										14
20.75																										3
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.755)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 2.319# Y - 4.791 / S.E. = 5.06
FOR Y ... MEAN = 28.64 S.D. = 2.51 ... REQ EQ-- Y = 0.246# X + 13.481 / S.E. = 1.65



Biceps

Measure circumference on right arm with biceps flexed and hand making a fist.

.....A BIVARIATE FREQUENCY TABLE FOR

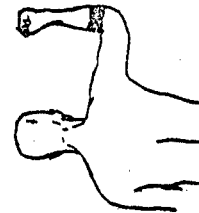
X =WEIGHT
AND
Y =FOREARM CIRCUMFERENCE, FLEXED

Y / X =	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1
33.85											2		1	6	1	2	2	1	2		1					9
32.85										1	6	8	4	6	6	10	6	6	3							17
31.85										7	24	16	23	22	10	13	16	2	4	1						56
30.85										54	72	69	40	27	17	13	9	3								155
29.85				1			3	21	61	94	143	84	42	23	14	12	4									393
28.85					2	15	57	94	183	353	199	178	63	24	25	3	5	1								814
27.85					9	19	69	265	243	353	199	178	63	24	25	3	5	1								1457
26.85					2	23	73	301	514	367	400	158	94	35	12	6	3	2								1990
25.85					1	13	70	153	414	551	253	259	67	52	23	4										1864
24.85						9	28	143	237	400	357	140	117	35	15	6	1									1489
23.85						25	35	136	147	208	141	51	28	9	2											783
22.85						2	10	18	72	55	84	39	8	2	1											291
21.85						1	4	17	16	17	11	2														70
20.85						1	6	7	4	1	3															22
19.85							2																			4
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.698)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 2.842* Y - 13.706 / S.E. = 5.52
FOR Y ... MEAN = 26.51 S.D. = 1.90 ... REQ EQ-- Y = 0.172* X + 15.908 / S.E. = 1.36



Forearm

Measure maximum circumference
around right forearm with muscle
flexed and hand making a fist.

X = WEIGHT
AND
Y = WRIST CIRCUMFERENCE

Y/X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
20.40																										1
20.10								1				2	1				1	1	4							11
19.80																										0
19.50											3	1	2		3	2	1	1	2		1					14
19.20										1		2					2	2								12
18.90										9	30	19	15	13	9	12	7	1	3	1	1					145
18.60							4	5	16	9	30	19	15	13	9	12	7	1	3	1						131
18.30							1	8	19	15	23	13	8	15	6	9	12		1							79
18.00								4	17	15	17	6	3	4	6	5										868
17.70								1	105	183	118	130	96	46	40	13	13	9	4	3						172
17.40									22	37	25	27	14	6	5	2	1									652
17.10									99	108	149	92	84	46	20	11	5	4								2231
16.80									52	261	512	379	461	230	172	64	34	22	1	2	1					376
16.50									1	58	104	60	81	27	15	9	2									1214
16.20										78	241	326	183	192	72	37	16	11	1	2						451
15.90										19	37	97	136	68	56	15	15	1	2	3	1					1769
15.60										8	21	128	256	468	448	187	161	42	29	12	2	1				547
15.30										6	20	72	112	162	105	35	23	8								223
15.00										3	8	53	46	54	41	7	8	3								380
14.70										1	24	36	91	71	92	43	16	3	2							38
14.40										2	5	4	8	11	12											59
14.10										9	9	5	9	4	1											37
13.80																										0
13.50																										4
TOTALS	5	57	120	476	704	1506	1930	1180	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.648)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 5.402* Y - 28.418 / S.E. = 5.88
FOR Y ... MEAN = 16.67 S.D. = 0.93 ... REQ EQ-- Y = 0.078* X + 11.862 / S.E. = 0.70



Wrist

Measure circumference of right wrist above protrusion of the wristbone.

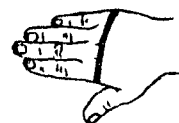
.....A BIVARIATE FREQUENCY TABLE FOR

X = WEIGHT
AND
Y = HAND CIRCUMFERENCE

Y \ X =	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
= /	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
25.95																										1
25.55																										0
25.15																										5
24.75																										0
24.35																										13
23.95																										82
23.55																										63
23.15																										494
22.75																										56
22.35																										542
21.95																										1632
21.55																										935
21.15																										2369
20.75																										344
20.35																										960
19.95																										1159
19.55																										343
19.15																										282
18.75																										33
18.35																										62
17.95																										33
17.55																										2
17.15																										4
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.485)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 3.523* Y - 12.826 / S.E. = 6.75
FOR Y ... MEAN = 21.13 S.D. = 1.06 ... REQ EQ-- Y = 0.067* X + 17.005 / S.E. = 0.93



Hand

Measure circumference of right hand around base of fingers.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =CROTCH-THIGH CIRCUMFERENCE

Y \ X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1
72.50																										1
71.00																										0
69.50																										6
68.00																										12
66.50																										25
65.00																										27
63.50																										90
62.00																										95
60.50																										288
59.00																										255
57.50																										745
56.00																										575
54.50																										1438
53.00																										984
51.50																										1690
50.00																										1114
48.50																										1087
47.00																										451
45.50																										368
44.00																										93
42.50																										42
41.00																										18
39.50																										8
38.00																										1
TOTALS	5	57	120	476	704	1506	1929	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9413

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.805)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 1.485* Y - 16.425 / S.E. = 4.58
FOR Y ... MEAN = 52.56 S.D. = 4.18 ... REQ EQ-- Y = 0.436* X + 25.692 / S.E. = 2.48



Crotch-Thigh

Measure circumference of right thigh just below buttock crease.

♦.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT

AND

Y =LOWER THIGH CIRCUMFERENCE

Y /X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2
48.75								1					1					1								4
47.75											1		1			1		1								11
46.75									1			2	1	2		2	2	1								17
45.75											2		1	2		5	3	6	1			1				28
44.75											3	6	5	2		4	11	9	3							52
43.75											3	7	6	5		6	10	7	2							93
42.75											4	12	15	13		13	11	7	2							213
41.75											17	37	36	38		30	13	11	7							365
40.75											40	98	63	31	29	15	13	3								589
39.75											121	122	131	71	27	20	8	2								893
38.75											226	262	169	136	61	20	10	2								1273
37.75											55	226	266	375	178	108	37	11								1414
36.75											31	202	416	326	275	93	44	10								1458
35.75											85	327	529	230	198	35	12									1280
34.75											170	441	369	133	86	11										883
33.75											113	199	296	206	31	16										473
32.75											24	123	145	110	46	12										227
31.75											19	37	80	44	30	13										93
30.75											15	23	33	13	2	1										37
29.75											8	11	8	3	3											3
28.75											1															5
27.75											2	1	2													1
26.75																										
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.788)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 2.309* Y - 23.100 / S.E. = 4.75
 FOR Y ... MEAN = 36.70 S.D. = 2.63 ... REQ EQ-- Y = 0.269* X + 20.117 / S.E. = 1.62



Lower Thigh

Measure circumference of right thigh just above kneecap.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =CALF CIRCUMFERENCE

Y /X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3
44.25																	1	1	2		1					4
43.25																	4	1	4							18
42.25																	5	1	2		1					18
41.25																	3	5	3							71
40.25																	8	3	3							112
39.25																	5	5	3							241
38.25																	6	1								480
37.25																										781
36.25																										1244
35.25																										1712
34.25																										1640
33.25																										1441
32.25																										945
31.25																										511
30.25																										150
29.25																										29
28.25																										12
27.25																										2
26.25																										
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.787)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = $2.682 * Y - 28.929$ / S.E. = 4.77
FOR Y ... MEAN = 33.77 S.D. = 2.26 ... REQ EQ-- Y = $0.231 * X + 19.529$ / S.E. = 1.40



Calf

Measure on right leg at point of
greatest calf circumference.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =ANKLE CIRCUMFERENCE

Y \ X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1
27.15																										0
26.75																										2
26.35																										7
25.95																										3
25.55																										40
25.15																										11
24.75																										58
24.35																										225
23.95																										167
23.55																										749
23.15																										184
22.75																										669
22.35																										1615
21.95																										908
21.55																										1965
21.15																										416
20.75																										831
20.35																										1011
19.95																										243
19.55																										218
19.15																										26
18.75																										38
18.35																										18
17.95																										4
17.55																										1
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	0	1 9414

(CORRELATION COEFFICIENT = 0.675)

SUMMARY STATISTICS

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 4.364* Y - 31.794 / S.E. = 5.70
FOR Y ... MEAN = 21.41 S.D. = 1.19 ... REQ EQ-- Y = 0.104* X + 14.998 / S.E. = 0.88



Ankle

Measure on right leg at point of least circumference above ankle bone.

....A RIVARIATE FREQUENCY TABLE FOR:

X = WEIGHT

AND

Y = HEAD HEIGHT (TRAGION-TO-VERTEX)

Y \ X =	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
15.60									1			1														2
15.30					1			3		2	2	3		1												3
15.00						4	8	2	6	5	3	3			1											11
14.70					1																					34
14.40						6	10	17	15	23	11	22	2	4	1	2	3	1								1
14.10						8	11	30	51	34	48	31	23	15	12	5	2	1	2			1				126
13.80						6	13	26	55	72	58	84	53	40	17	10	5	1	2							289
13.50						2	7	32	135	163	116	164	85	66	50	16	10	1	2							472
13.20						4	17	46	90	188	263	172	213	77	79	38	22	18	1	2						918
12.90						3	17	65	108	249	348	171	225	106	107	45	22	5	3	1						1258
12.60						8	22	83	112	262	326	194	224	110	89	46	24	17	10	2	3					1508
12.30						2	13	16	68	97	211	260	166	176	80	77	34	17	11	7	3	1				1544
12.00						2	11	14	52	95	124	179	110	103	40	34	18	5	2	3	1					1242
11.70							8	7	39	57	104	112	68	58	34	18	6	3	1							798
11.40							4	6	30	34	62	71	49	46	17	12	10	3	1	1						534
11.10							3	7	22	17	43	35	16	22	11	7	1	2	3							346
10.80									4	6	18	13	7	6	4	3	2									191
10.50									1	1	7	2	9	5	6	7										69
10.20																										49
9.90																										15
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.201)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = $2.033 * Y + 35.783$ / S.E. = 7.56
 FOR Y ... MEAN = 12.71 S.D. = 0.76 ... REQ EQ-- Y = $0.020 * X + 11.481$ / S.E. = 0.75



Head Height

Measure vertical distance from notch in front of right ear (tragion) to top of head with large sliding caliper.

.....A RIVARIATE FREQUENCY TABLE FOR

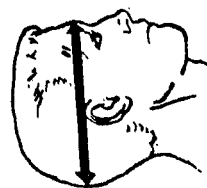
X =WEIGHT
AND
Y =HEAD LENGTH

Y \ X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
21.35										1		2														3
20.95				1			1	1	5	5	4					1										18
20.55			1			5	10	13	14	8	11	5	5	3		3	3	1	1							83
20.15			1	3	11	35	54	40	62	30	34	26	13	14	2	3	7	1	3							339
19.75	1	3	13	33	88	121	105	165	89	83	40	25	20	10	8	9	3	3	3	1						523
19.35			1	11	47	84	209	284	271	144	143	73	36	30	14	14	9	3	1		1					1594
18.95		1	4	22	73	124	321	429	258	323	138	128	67	30	18	12	14	7	4	2						1976
18.55		1	12	22	118	164	317	424	231	232	115	94	46	23	21	10	11	5			1					1646
18.15		13	22	100	131	247	292	163	195	75	57	26	11	8	5	4			4							1353
17.75		1	13	17	60	71	127	178	72	90	44	22	13	5	2	2	1		1							719
17.35		1	7	10	35	51	99	101	64	43	19	7	5	4												448
16.95		3	9	18	22	37	29	22	8	6	2	1														157
16.55		1	2	7	13	18	7	1	1																	51
16.15							3																			4
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.287)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 2.939* Y + 6.568 / S.E. = 7.39
FOR Y ... MEAN = 18.74 S.D. = 0.75 ... REQ EQ-- Y = 0.028* X + 17.009 / S.E. = 0.72



Head Length

Measure maximum length of the head from slightly above the eyes on the forehead to the back of the head with the spreading caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =HEAD BREADTH

Y \ X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4
17.35							1	1	3		1	1	1	2	1			1								7
17.15							1	1	4	4	3	2	1	1	1											18
16.95					1	3	3	2	4	1	7	3	2	1	1											18
16.75					1	3	6	13	9	9	7	2	2	1	1											63
16.55					3	2	9	15	12	23	10	4	7	1	1											99
16.35					1	3	2	15	24	36	24	23	12	3	6											211
16.15			1	4	10	24	36	58	37	41	30	22	17	10	4											315
15.95				6	14	46	58	97	65	71	50	43	30	14	8											499
15.75			2	4	19	20	61	133	89	113	60	45	39	13	11											1
15.55			1	8	14	49	86	133	94	96	68	63	23	16	15											688
15.35			6	23	32	87	146	94	96	68	63	23	16	15	6											684
15.15			3	7	30	52	123	164	93	132	65	71	29	18	12											821
14.95	1	2	8	39	64	154	214	159	166	82	71	37	19	13	7											1050
14.75	1	6	12	60	84	182	229	136	170	88	67	30	14	10	5											1107
14.55			7	14	67	83	205	260	159	199	56	65	35	16	16											1200
14.35	1	9	11	49	81	178	200	96	134	57	47	19	10	5	4											903
14.15	1	9	12	46	76	145	155	109	104	30	22	10	6	3	1											730
13.95		6	15	42	64	83	100	58	60	21	14	8	2	1												475
13.75		7	9	38	40	68	52	26	27	9	9	2	1		2											291
13.55	1	3	9	24	16	31	34	15	10	6	2															151
13.35			1	6	10	9	7	3	2	1																40
13.15			3	4	1	4	5	2	3	3																25
12.95				1	2	2	3	1	1																	10
12.75																										4
12.55							2	2	1																	3
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.259)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 2.975* Y + 17.416 / S.E. = 7.45
FOR Y ... MEAN = 14.86 S.D. = 0.67 ... REQ EQ-- Y = 0.022* X + 13.506 / S.E. = 0.65



Head Breadth

Measure, from behind subject, maximum breadth of head (usually above and behind the ears) with the spreading caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT
AND
Y = FACE BREADTH

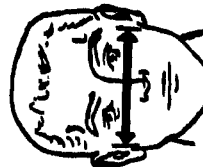
Y \ X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
14.90								1	2	1																1
14.60																										3
14.30																			1							5
14.00																										28
13.70																										97
13.40																										267
13.10																										595
12.80																										896
12.50																										1512
12.20																										1643
11.90																										1727
11.60																										1324
11.30																										712
11.00																										417
10.70																										133
10.40																										46
10.10																										8
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

14-57

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.388)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 4.676# Y + 4.917 / S.E. = 7.11
FOR Y ... MEAN = 12.13 S.D. = 0.64 ... REQ EQ-- Y = 0.032# X + 10.156 / S.E. = 0.59



Face Breadth

Measure maximum breadth between the cheekbone bulges with the spreading caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT

AND

Y =FOOT LENGTH

Y / X =	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1
32.20												1														0
31.70																										2
31.20																										1
30.70																										6
30.20																										40
29.70																										79
29.20																										164
28.70																										325
28.20																										578
27.70																										1076
27.20																										1398
26.70																										1496
26.20																										1105
25.70																										740
25.20																										434
24.70																										179
24.20																										68
23.70																										20
23.20																										3
22.70																										1
22.20																										
21.70																										
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.465)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 2.987* Y - 15.986 / S.E. = 6.83
FOR Y ... MEAN = 25.98 S.D. = 1.20 ... REQ EQ-- Y = 0.072* X + 21.547 / S.E. = 1.06



Face Length

Measure vertical distance between the tip of the chin and the depression between the eyes at the top of the nose with the small sliding caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

X = WEIGHT
AND
Y = FOOT BREADTH

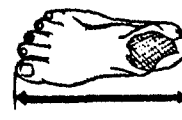
Y \ X =	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
= /	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	15
12.45								2	5	2	2	2	2													1
12.25							1																			1
12.05																										1
11.85																										4
11.65																										432
11.45																										10
11.25																										1
11.05																										1550
10.85																										6
10.65																										29
10.45																										2703
10.25																										25
10.05																										2694
9.85																										0
9.65																										17
9.45																										1316
9.25																										6
9.05																										381
8.85																										0
8.65																										0
8.45																										52
8.25																										0
8.05																										7
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.366)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 4.369* Y + 16.638 / S.E. = 7.18
FOR Y ... MEAN = 10.30 S.D. = 0.65 ... REQ EQ-- Y = 0.031* X + 8.388 / S.E. = 0.60

Foot Length



Subject's right foot is placed in foot box with heel touching the end barricade and with right edge of widest part of foot touching the side barricade. Measure the maximum length of the foot from back of heel to tip of longest toe.

.....A RIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =HEEL BREADTH

Y / X =	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	TOTALS
8.55																		1								1
8.35																										1
8.15																										13
7.95																										53
7.75																										54
7.55																										231
7.35																										390
7.15																										1047
6.95																										1 2441
6.75																										1501
6.55																										2148
6.35																										767
6.15																										518
5.95																										229
5.75																										13
5.55																										6
TOTALS	5	57	120	476	704	1505	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9413

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.469)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 9.836* Y - 5.171 / S.E. = 6.81
FOR Y ... MEAN = 6.79 S.D. = 0.37 ... REQ EQ-- Y = 0.022* X + 5.436 / S.E. = 0.33



Heel Breadth

Subject stands on flat surface.
Measure maximum breadth of right
heel behind and below the pro-
jections of the ankle bones with
the small sliding caliper.

.....A RIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =BALL-OF-FOOT CIRCUMFERENCE

Y \ X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
31.10									2	1																4
30.60											3	3	3	3	1	1	1									0
30.10																										16
29.60																										5
29.10																										124
28.60																										33
28.10																										600
27.60																										105
27.10																										1583
26.60																										212
26.10																										2560
25.60																										243
25.10																										2373
24.60																										140
24.10																										1042
23.60																										40
23.10																										263
22.60																										9
22.10																										38
21.60																										0
21.10																										3
TOTALS	5	57	120	475	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9413

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.521)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 3.112* Y - 18.566 / S.E. = 6.59
FOR Y ... MEAN = 25.77 S.D. = 1.29 ... REQ EQ-- Y = 0.087* X + 20.409 / S.E. = 1.10



Ball-of-Foot Circumference

Subject stands on flat surface.
Measure maximum circumference of
right foot at ball of foot with
tape.

.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =HEEL-ANKLE DIAGONAL

Y \ X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
39.45							1	1	6	2	2	2	1													5
38.45						2	8	5	29	33	50	32	21	20	3	3	4	3	2							55
37.45					3	17	61	63	145	88	119	73	32	26	18	15	6	4	6							234
36.45					17	99	249	267	370	231	186	92	44	34	16	15	13	1	2		2				1	682
35.45				2	17	100	353	601	420	505	192	149	65	32	22	10	8	3	5	1						1643
34.45		1	3	35	118	236	556	692	326	285	102	54	29	15	11	5										2501
33.45		3	23	41	172	240	369	254	88	60	24	14	3				1									2455
32.45		1	13	41	172	240	369	254	88	60	24	14	3													1281
31.45		4	25	32	111	85	99	49	17	6	2	1														431
30.45		8	16	33	22	11	14	1	3																	108
29.45		5	5	5	5	1																				17
28.45		5	5	5	5	1																				1
27.45		1																								0
26.45																										1
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.618)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 3.251* Y - 48.041 / S.E. = 6.07
FOR Y ... MEAN = 33.73 S.D. = 1.47 ... REQ EQ-- Y = 0.117* X + 26.524 / S.E. = 1.15

Heel-Ankle Diagonal

Subject stands on flat surface.
With tape, measure the diagonal
circumference around the right
ankle, around rear tip of the
heel, and over instep where foot
joins the leg.



.....A BIVARIATE FREQUENCY TABLE FOR

X =WEIGHT
AND
Y =INSTEP CIRCUMFERENCE

Y / X=	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	TOTALS
=/	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
34.00											1					1										2
35.00										1																2
36.00									1		1															7
37.00										1	1															2
38.00										1	1															2
39.00										1	1															47
40.00										1	1															3
41.00										1	1															107
42.00										1	1															3
43.00										1	1															331
44.00										1	1															58
45.00										1	1															824
46.00										1	1															115
47.00										1	1															1615
48.00										1	1															212
49.00										1	1															2155
50.00										1	1															212
51.00										1	1															2014
52.00										1	1															215
53.00										1	1															1048
54.00										1	1															53
55.00										1	1															323
56.00										1	1															11
57.00										1	1															49
58.00										1	1															3
59.00										1	1															3
60.00										1	1															1
61.00										1	1															1
62.00										1	1															1
63.00										1	1															1
64.00										1	1															1
65.00										1	1															1
66.00										1	1															1
67.00										1	1															1
68.00										1	1															1
69.00										1	1															1
70.00										1	1															1
71.00										1	1															1
72.00										1	1															1
73.00										1	1															1
74.00										1	1															1
75.00										1	1															1
76.00										1	1															1
77.00										1	1															1
78.00										1	1															1
79.00										1	1															1
80.00										1	1															1
81.00										1	1															1
82.00										1	1															1
83.00										1	1															1
84.00										1	1															1
85.00										1	1															1
86.00										1	1															1
87.00										1	1															1
88.00										1	1															1
89.00										1	1															1
90.00										1	1															1
91.00										1	1															1
92.00										1	1															1
93.00										1	1															1
94.00										1	1															1
95.00										1	1															1
96.00										1	1															1
97.00										1	1															1
98.00										1	1															1
99.00										1	1															1
100.00										1	1															1
TOTALS	5	57	120	476	704	1506	1930	1188	1409	674	585	304	152	119	55	59	40	12	15	1	2	0	0	0	0	1

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.465)

FOR X ... MEAN = 61.63 S.D. = 7.72 ... REQ EQ-- X = 2.294* Y - 0.203 / S.E. = 6.83
FOR Y ... MEAN = 26.95 S.D. = 1.56 ... REQ EQ-- Y = 0.094* X + 21.161 / S.E. = 1.38

Instep Circumference

Subject stands on flat surface.
With tape, measure the circumference over the instep of the right foot, where the foot joins the leg, and under the arch.



.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =CERVICAL HEIGHT

Y \ X=	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	1
166.25																									1
164.25																									1
162.25																									4
160.25																									12
158.25																									31
156.25																									63
154.25																									170
152.25																									297
150.25																									398
148.25																									735
146.25																									1047
144.25																									1312
142.25																									1497
140.25																									1138
138.25																									1051
136.25																									772
134.25																									485
132.25																									244
130.25																									99
128.25																									38
126.25																									16
124.25																									3
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.011* Y + 22.866 / S.E. = 1.57
FOR Y ... MEAN = 142.41 S.D. = 5.49 ... REQ EQ-- Y = 0.916* X - 10.417 / S.E. = 1.50

(CORRELATION COEFFICIENT = 0.962)

Cervical Height

Subject stands erect. Measure vertical distance from floor to base of neck (protrusion of the spinous process of the seventh cervical vertebra) with anthropometer parallel to the spinal column along the back.



.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)
AND
Y = SHOULDER (ACROMION) HEIGHT

Y / X=	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	TOTALS
160.25																								1
158.25																								2
156.25																								3
154.25																								13
152.25																								22
150.25																								68
148.25																								161
146.25																								311
144.25																								517
142.25																								833
140.25																								986
138.25																								1316
136.25																								1338
134.25																								1379
132.25																								1072
130.25																								679
128.25																								386
126.25																								178
124.25																								101
122.25																								30
120.25																								16
118.25																								2
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1
																								9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.943)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.007* Y + 29.168 / S.E. = 1.92
FOR Y ... MEAN = 136.72 S.D. = 5.40 ... REQ EQ-- Y = 0.883* X - 10.604 / S.E. = 1.80



Shoulder Height

Subject stands erect. Measure vertical distance from floor to outer edge of right shoulder (acromion).

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)
AND
Y = WAIST (TOP OF HIP BONE) HEIGHT

Y \ X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	TOTALS
120.00																									1
118.50																									0
117.00																									2
115.50																									7
114.00																									9
112.50																									40
111.00																									73
109.50																									136
108.00																									252
106.50																									459
105.00																									699
103.50																									932
102.00																									1152
100.50																									1150
99.00																									1290
97.50																									1077
96.00																									870
94.50																									563
93.00																									408
91.50																									169
90.00																									77
88.50																									30
87.00																									12
85.50																									4
84.00																									2
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.863)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.125* Y + 54.187 / S.E. = 2.91
FOR Y ... MEAN = 100.14 S.D. = 4.43 ... REQ EQ-- Y = 0.663* X - 10.477 / S.E. = 2.23



Waist Height

Subject stands erect. Measure vertical distance from floor to top of right hip bone.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)
AND
Y = CROTCH HEIGHT

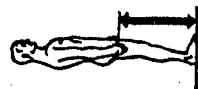
Y / X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
= /	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	1
95.00																									1
93.50																									0
92.00																									2
90.50																									5
89.00																									27
87.50																									61
86.00																									128
84.50																									248
83.00																									461
81.50																									708
80.00																									943
78.50																									1206
77.00																									1280
75.50																									1374
74.00																									1081
72.50																									840
71.00																									489
69.50																									288
68.00																									177
66.50																									62
65.00																									18
63.50																									10
62.00																									4
60.50																									0
59.00																									1
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.032* Y + 87.627 / S.E. = 3.79
FOR Y ... MEAN = 76.76 S.D. = 4.21 ... REQ EQ-- Y = 0.551* X - 15.169 / S.E. = 2.77

(CORRELATION COEFFICIENT = 0.754)

Crotch Height



Subject stands erect. Measure vertical distance from floor to crotch.

NOTE: The scale on the anthropometer indicates the distance from the lower edge of the anthropometer arm. Therefore, ten (10) millimeters (the width of the arm) must be added to the recorded figure to obtain the true Crotch Height.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)
AND
Y = KNEE HEIGHT

Y \ X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
= /	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	TOTALS
59.25																									1
58.25																									12
57.25																									23
56.25																									61
55.25																									164
54.25																									275
53.25																									640
52.25																									1006
51.25																									1339
50.25																									1436
49.25																									1521
48.25																									1268
47.25																									869
46.25																									444
45.25																									259
44.25																									68
43.25																									19
42.25																									9
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.773)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.851* Y + 74.269 / S.E. = 3.66
FOR Y ... MEAN = 50.01 S.D. = 2.41 ... REQ EQ-- Y = 0.323* X - 3.877 / S.E. = 1.53



Knee Height

Subject stands erect. Measure vertical distance from floor to top of right kneecap.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)
AND
Y = CALF HEIGHT

Y / X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
42.25																									9
41.25																									16
40.25																									29
39.25																									1
38.25																									105
37.25																									266
36.25																									548
35.25																									1064
34.25																									1361
33.25																									1737
32.25																									1581
31.25																									1288
30.25																									813
29.25																									380
28.25																									156
27.25																									44
26.25																									12
25.25																									4
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.521)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.371* Y + 120.172 / S.E. = 4.92
FOR Y ... MEAN = 34.04 S.D. = 2.19 ... REQ EQ-- Y = 0.198* X + 1.008 / S.E. = 1.87



Calf Height

Subject stands erect. Measure vertical distance from floor to point of maximum calf circumference on right leg.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)
AND
Y = FUNCTIONAL ARM REACH-FORWARD

Y / X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
= /	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	TOTALS
93.50																									4
92.00																									3
90.50																									3
89.00																									39
87.50																									47
86.00																									120
84.50																									241
83.00																									484
81.50																									686
80.00																									916
78.50																									1185
77.00																									1373
75.50																									1260
74.00																									1184
72.50																									883
71.00																									552
69.50																									235
68.00																									128
66.50																									20
65.00																									9
63.50																									5
62.00																									
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 0.719* Y + 111.633 / S.E. = 4.94
FOR Y ... MEAN = 76.79 S.D. = 4.14 ... REQ EQ-- Y = 0.371* X + 14.892 / S.E. = 3.55

(CORRELATION COEFFICIENT = 0.516)



Functional Arm Reach Forward

Subject stands erect with his shoulders pressed against wall, right arm extended forward, palm down, and top of thumb and forefinger pressed together, forming an oval. Measure perpendicular distance from wall behind shoulder to tip of thumb.

.....A BIVARIATE FREQUENCY TABLE FOR

* X =HEIGHT (STATURE)
AND
Y =COAT LENGTH

Y \ X=	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	3
80.25																									1
79.25																									4
78.25																									16
77.25																									24
76.25																									84
75.25																									132
74.25																									238
73.25																									390
72.25																									602
71.25																									818
70.25																									1000
69.25																									1181
68.25																									1199
67.25																									1095
66.25																									880
65.25																									699
64.25																									475
63.25																									279
62.25																									152
61.25																									75
60.25																									44
59.25																									19
58.25																									3
57.25																									2
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.631)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.149* Y + 88.029 / S.E. = 4.47
FOR Y ... MEAN = 68.60 S.D. = 3.17 ... REQ EQ-- Y = 0.347* X + 10.701 / S.E. = 2.46

Coat Length .

Subject stands erect, arms and fingers hanging down. Measure vertical distance between base of neck at right shoulder and first knuckle of right thumb.



.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)
AND
Y = HIP BREADTH-STANDING

Y \ X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
= /	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25
41.75																									1
40.75																									0
39.75																									0
38.75																									1
37.75																									9
36.75																									58
35.75																									218
34.75																									594
33.75																									1 1355
32.75																									2191
31.75																									2352
30.75																									1688
29.75																									724
28.75																									185
27.75																									31
26.75																									7
TOTALS	5	7	31	87	164	336	493	845	1071	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.491)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.816* Y + 108.427 / S.E. = 5.02
FOR Y ... MEAN = 32.17 S.D. = 1.56 ... REQ EQ-- Y = 0.133* X + 9.979 / S.E. = 1.36



Hip Breadth, Standing

Subject stands erect. Measure maximum distance across the hips.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)
AND
Y = CHEST BREADTH

Y / X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
= /	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	
39.75													1												2
38.75													1												3
37.75													2												2
36.75													1												8
35.75													2												34
34.75													6												56
33.75													3												117
32.75													5												317
31.75													8												707
30.75													11												1478
29.75													15												2064
28.75													18												2195
27.75													21												1503
26.75													24												659
25.75													27												213
24.75													30												44
23.75													33												10
22.75													36												2
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.308)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.002* Y + 137.414 / S.E. = 5.49
FOR Y ... MEAN = 29.37 S.D. = 1.78 ... REQ EQ-- Y = 0.095* X + 13.524 / S.E. = 1.69



Chest Breadth

Subject stands erect and breathes normally. Measure breadth of chest at nipple level.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)
AND
Y = CHEST DEPTH

Y \ X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
= /	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25
30.75																									3
29.75																									2
28.75																									13
27.75																									25
26.75																									89
25.75																									204
24.75																									471
23.75																									1156
22.75																									2162
21.75																									2597
20.75																									1776
19.75																									748
18.75																									143
17.75																									21
16.75																									4
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.240)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 0.892* Y +147.115 / S.E. = 5.60
FOR Y ... MEAN = 22.12 S.D. = 1.55 ... REQ EQ-- Y = 0.065* X + 11.275 / S.E. = 1.51



Chest Depth

Subject stands erect and breathes normally. Measure depth of chest from right side at nipple level.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =HAND LENGTH

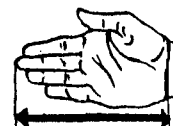
Y \ X=	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	TOTALS
22.40																									1
22.10																									2
21.80																									3
21.50																									16
21.20																									16
20.90																									67
20.60																									84
20.30																									241
20.00																									504
19.70																									540
19.40																									889
19.10																									1125
18.80																									1230
18.50																									1266
18.20																									1196
17.90																									979
17.60																									550
17.30																									392
17.00																									191
16.70																									81
16.40																									22
16.10																									14
15.80																									4
15.50																									1
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.610)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 4.095* Y + 90.352 / S.E. = 4.57
FOR Y ... MEAN = 18.68 S.D. = 0.86 ... REQ EQ-- Y = 0.091* X + 3.497 / S.E. = 0.68

Hand Length



Subject stands erect with right hand extended forward, palm up and fingers straight. Measure distance from wrist (navicular) to tip of middle finger.

.....A BIVARIATE FREQUENCY TABLE FOR

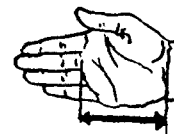
X = HEIGHT (STATURE)
AND
Y = PALM LENGTH

Y/X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	1
12.65																									1
12.45																									2
12.25																									8
12.05																									29
11.85																									53
11.65																									119
11.45																									244
11.25																									395
11.05																									793
10.85																									968
10.65																									1228
10.45																									1482
10.25																									1417
10.05																									1299
9.85																									588
9.65																									413
9.45																									226
9.25																									90
9.05																									42
8.85																									12
8.65																									2
8.45																									3
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1381	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.501)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 5.515* Y + 109.206 / S.E. = 4.99
FOR Y ... MEAN = 10.45 S.D. = 0.52 ... REQ EQ-- Y = 0.046* X + 2.777 / S.E. = 0.45



Palm Length

With right hand in same position as for No. 19, measure distance from wrist to base of middle finger.

.....A BIVARIATE FREQUENCY TABLE FOR

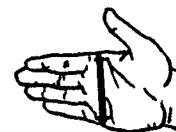
X = HEIGHT (STATURE)
AND
Y = HAND BREADTH

Y \ X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
= /	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	TOTALS
10.95																									1
10.75																									0
10.55																									0
10.35																									2
10.15																									5
9.95																									40
9.75																									98
9.55																									248
9.35																									593
9.15																									993
8.95																									1868
8.75																									1485
8.55																									1701
8.35																									1252
8.15																									657
7.95																									331
7.75																									109
7.55																									21
7.35																									7
7.15																									2
6.95																									1
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.392)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 5.422* Y + 119.499 / S.E. = 5.30
FOR Y ... MEAN = 8.73 S.D. = 0.42 ... REQ EQ-- Y = 0.028* X + 4.061 / S.E. = 0.38



Hand Breadth

With right hand in same position as for No. 19 and No. 20, measure maximum breadth across base of fingers.

.....A BIVARIATE FREQUENCY TABLE FOR

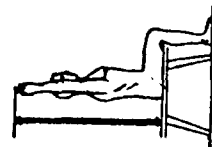
X = HEIGHT (STATURE)
AND
Y = ARM REACH-UPWARD

Y / X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
= /	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	1
156.25																									1
154.25																									2
152.25																									9
150.25																									35
148.25																									88
146.25																									160
144.25																									375
142.25																									718
140.25																									989
138.25																									1349
136.25																									1533
134.25																									1419
132.25																									1200
130.25																									743
128.25																									452
126.25																									209
124.25																									98
122.25																									23
120.25																									9
118.25																									2
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.823)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = $0.962 * Y + 35.997$ / S.E. = 3.27
FOR Y ... MEAN = 136.02 S.D. = 4.93 ... REQ EQ-- Y = $0.704 * X + 18.558$ / S.E. = 2.80



Arm Reach Upward

Subject extends right arm and fingers upward. Measure vertical distance from seat to tip of middle finger.

.....A BIVARIATE FREQUENCY TABLE FOR

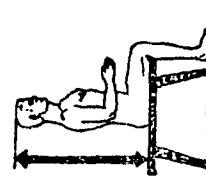
X = HEIGHT (STATURE)
AND
Y = SITTING HEIGHT

Y \ X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	2
100.50																									1
99.00																									6
97.50																									25
96.00																									85
94.50																									233
93.00																									495
91.50																									954
90.00																									1390
88.50																									1614
87.00																									1633
85.50																									1404
84.00																									850
82.50																									460
81.00																									173
79.50																									71
78.00																									14
76.50																									4
75.00																									1
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.373* Y + 46.202 / S.E. = 3.63
FOR Y ... MEAN = 87.87 S.D. = 3.26 ... REQ EQ-- Y = 0.439* X + 14.624 / S.E. = 2.05

(CORRELATION COEFFICIENT = 0.777)



Sitting Height

Measure vertical distance from
seat to top of head.

.....A BIVARIATE FREQUENCY TABLE FOR

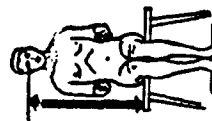
X =HEIGHT (STATURE)
AND
Y =EYE HEIGHT-SITTING

Y \ X=	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS	
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	TOTALS	
88.50																1	1	2	1	2	1			1	40	
87.00																1	6	12	6	2	1				52	
85.50																7	7	24	11	7	4				151	
84.00																33	64	32	16	7	3				350	
82.50																71	71	34	13	7	2	1			726	
81.00																106	57	26	4	5					1263	
79.50																69	35	12	1	1					1563	
78.00																24	13	7							1658	
76.50																9	2								1498	
75.00																4									1117	
73.50																1									577	
72.00																1									316	
70.50																1									89	
69.00																2									29	
67.50																1									9	
66.00																1									0	
64.50																1									2	
63.00																										
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414	

SUMMARY STATISTICS

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.258* Y + 70.347 / S.E. = 4.07
FOR Y ... MEAN = 76.71 S.D. = 3.25 ... REQ EQ-- Y = 0.400* X + 9.970 / S.E. = 2.29

(CORRELATION COEFFICIENT = 0.709)



Eye Height

Measure vertical distance from seat to level of inner corner of right eye. It is not necessary to touch the latter point with the instrument, since it can be located by sighting along the anthropometer arm.

.....A BIVARIATE FREQUENCY TABLE FOR

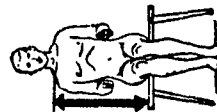
X = HEIGHT (STATURE)
AND
Y = MID-SHOULDER HEIGHT-SITTING

Y / X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS	
= /	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	TOTALS	
70.75																	1	2	1	2	2	3	1	2	7	
69.75																	2	4	2	2	3	1	2	22	22	
68.75																	3	8	2	3	1	2	60	60		
67.75																	14	14	2	3	1	2	131	131		
66.75																	22	17	9	6	1	4	254	254		
65.75																	33	52	23	13	7	7	739	739		
64.75																	77	80	57	30	7	5	1084	1084		
63.75																	123	132	80	53	17	7	1217	1217		
62.75																	190	202	153	74	47	6	1366	1366		
61.75																	251	206	180	126	55	20	11	1295	1295	
60.75																	184	186	151	84	28	12	6	1081	1081	
59.75																	246	237	126	81	38	12	2	770	770	
58.75																	252	237	126	81	38	12	2	469	469	
57.75																	163	163	136	165	129	77	32	1	258	258
56.75																	217	224	150	80	35	18	9	1	118	118
55.75																	94	136	165	129	77	32	15	6	49	49
54.75																	71	51	34	12	2	2	1	2	15	5
53.75																	51	43	29	18	8	3	6	2	1	1
52.75																	16	13	6	2	2	2	1	1	2	2
51.75																	9	7	9	6	2	2	1	1	1	1
50.75																	3	3	3	3	3	3	1	1	1	1
49.75																	1	1	1	1	1	1	1	1	1	1
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414	

(CORRELATION COEFFICIENT = 0.701)

SUMMARY STATISTICS

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.485* Y + 76.621 / S.E. = 4.11
FOR Y ... MEAN = 60.76 S.D. = 2.72 ... REQ EQ-- Y = 0.331* X + 5.532 / S.E. = 1.94



Mid-Shoulder Height

Measure vertical distance from seat to point midway between neck-shoulder junction and top of outer edge of right shoulder.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)

AND

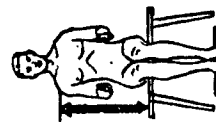
Y =SHOULDER (ACROMION) HEIGHT SITTING

Y / X=	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	TOTALS
68.75																									2
67.75																									2
66.75																									22
65.75																									41
64.75																									80
63.75																									177
62.75																									366
61.75																									569
60.75																									774
59.75																									1082
58.75																									1221
57.75																									1322
56.75																									1254
55.75																									974
54.75																									667
53.75																									419
52.75																									272
51.75																									112
50.75																									33
49.75																									15
48.75																									6
47.75																									2
46.75																									2
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.664)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.342* Y + 88.965 / S.E. = 4.31
FOR Y ... MEAN = 58.03 S.D. = 2.85 ... REQ EQ-- Y = 0.328* X + 3.308 / S.E. = 2.13



Shoulder Height

Measure vertical distance from seat to top of outer edge of right shoulder.

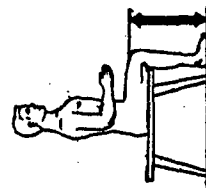
.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =KNEE HEIGHT-SITTING

Y / X=	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	TOTALS
60.75																									1
59.75																									6
58.75																									12
57.75																									49
56.75																									123
55.75																									303
54.75																									515
53.75																									1009
52.75																									1425
51.75																									1716
50.75																									1536
49.75																									1330
48.75																									723
47.75																									437
46.75																									151
45.75																									53
44.75																									25
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.848)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 2.193* Y + 53.842 / S.E. = 3.06
FOR Y ... MEAN = 51.53 S.D. = 2.23 ... REQ EQ-- Y = 0.328* X - 3.196 / S.E. = 1.18



Knee Height
Measure vertical distance from
footrest to top of right knee.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)
AND
Y = POPLITEAL HEIGHT-SITTING

Y / X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
48.25																									1
47.25																									5
46.25																									25
45.25																									48
44.25																									184
43.25																									472
42.25																									983
41.25																									1730
40.25																									2096
39.25																									1923
38.25																									1154
37.25																									550
36.25																									185
35.25																									41
34.25																									15
33.25																									2
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

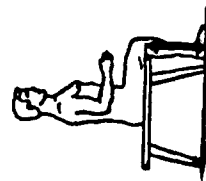
SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.768)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = $2.462 * Y + 67.972$ / S.E. = 3.69
FOR Y ... MEAN = 40.16 S.D. = 1.80 ... REQ EQ-- Y = $0.240 * X + 0.117$ / S.E. = 1.15

Popliteal Height

Measure vertical distance from footrest to underside of right knee.



NOTE: The scale on the anthropometer indicates the distance from the lower edge of the anthropometer arm. Therefore, ten (10) millimeters (the width of the arm) must be added to the recorded figure to obtain the true Popliteal Height.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)
AND
Y = ARM REACH-FORWARD

Y \ X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	1
98.00												1													17
96.50											1														40
95.00										1															94
93.50										4															219
92.00										1															453
90.50										2															705
89.00										1															1199
87.50										2															1436
86.00										3															1529
84.50										4															1441
83.00										1															1092
81.50										4															635
80.00										2															317
78.50										1															155
77.00										2															52
75.50										3															20
74.00										1															6
72.50										1															1
71.00																									
TOTALS	5	7	31	87	164	336	493	845	1107	1346	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9412

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.657)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.055* Y + 77.405 / S.E. = 4.35
FOR Y ... MEAN = 84.78 S.D. = 3.59 ... REQ EQ-- Y = 0.410* X + 16.372 / S.E. = 2.71

Arm Reach Forward



Subject's right arm and fingers are extended forward parallel to the floor. Measure distance from back of right shoulder (greatest bulge of trapezius) to tip of middle finger.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)

AND

Y = SHOULDER-ELBOW LENGTH

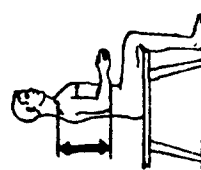
Y / X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
= /	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	3
41.50																								1	6
41.00																									11
40.50																									26
40.00																									76
39.50																									129
39.00																									240
38.50																									299
38.00																									551
37.50																									709
37.00																									1059
36.50																									995
36.00																									1325
35.50																									974
35.00																									1038
34.50																									706
34.00																									555
33.50																									346
33.00																									182
32.50																									93
32.00																									48
31.50																									26
31.00																									12
30.50																									2
30.00																									2
29.50																									2
TOTALS	5	7	31	87	164	336	493	845	1107	1347	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9413

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.693)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 2.476* Y + 78.878 / S.E. = 4.16
 FOR Y ... MEAN = 35.53 S.D. = 1.61 ... REQ EQ-- Y = 0.194* X + 3.160 / S.E. = 1.16

Shoulder-Elbow Length



Subject's right upper arm hangs down at his side, forearm is extended forward at right angles. Measure the vertical distance from the edge of right shoulder to right elbow.

.....A BIVARIATE FREQUENCY TABLE FOR

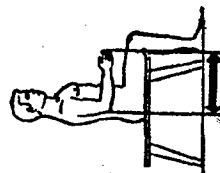
X = HEIGHT (STATURE)
AND
Y = FOREARM HAND LENGTH

Y \ X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
54.25																		1							1
53.25																			1						4
52.25																				2		1			21
51.25																				8					69
50.25																				5					206
49.25																				4					496
48.25																				2					946
47.25																									1541
46.25																									1864
45.25																									1877
44.25																									1271
43.25																									680
42.25																									318
41.25																									90
40.25																									25
39.25																									4
TOTALS	5	7	31	87	164	336	493	845	1107	1347	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9413

SUMMARY STATISTICS

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = $2.190 * Y + 66.006$ / S.E. = 3.86
FOR Y ... MEAN = 46.05 S.D. = 1.96 ... REQ EQ-- Y = $0.252 * X + 4.001$ / S.E. = 1.31

(CORRELATION COEFFICIENT = 0.743)



Forearm-Hand Length

Subject's right upper arm hangs down at his side, forearm and fingers extended forward at right angles. Measure the distance from the elbow to the tip of the middle finger.

.....A BIVARIATE FREQUENCY TABLE FOR

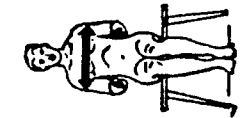
X = HEIGHT (STATURE)
AND
Y = SHOULDER BREADTH

Y \ X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25
54.25													1	1											2
53.25																									3
52.25																									1
51.25																									15
50.25																									29
49.25																									69
48.25																									95
47.25																									194
46.25																									338
45.25																									590
44.25																									1082
43.25																									1456
42.25																									1671
41.25																									1657
40.25																									1135
39.25																									644
38.25																									282
37.25																									117
36.25																									21
35.25																									8
34.25																									4
TOTALS	5	7	31	87	164	336	493	845	1107	1347	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9413

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.367)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ. EQ-- X = 0.902* Y + 128.574 / S.E. = 5.36
FOR Y ... MEAN = 42.43 S.D. = 2.35 ... REQ. EQ-- Y = 0.149* X + 17.571 / S.E. = 2.18



Shoulder Breadth

Subject's upper arms hang down at his sides and forearms are extended forward at right angles, elbows against the body. Measure the maximum distance across the upper arm muscles.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)

AND

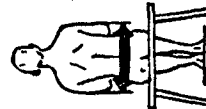
Y = ELBOW-TO-ELBOW BREADTH

Y \ X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
= /	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25
61.50																									1
60.00																									8
58.50																									8
57.00																									10
55.50																									44
54.00																									76
52.50																									101
51.00																									181
49.50																									282
48.00																									455
46.50																									813
45.00																									1294
43.50																									1872
42.00																									1738
40.50																									1460
39.00																									683
37.50																									284
36.00																									56
34.50																									29
33.00																									12
31.50																									3
30.00																									
TOTALS	5	7	31	87	164	336	493	845	1106	1347	1337	1057	939	710	407	284	143	59	36	14	1	2	0	1	9411

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.228)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 0.374* Y + 151.160 / S.E. = 5.62
 FOR Y ... MEAN = 41.94 S.D. = 3.51 ... REQ EQ-- Y = 0.139* X + 18.753 / S.E. = 3.42



Elbow-Elbow Breadth

Subject is in the same position as for No. 32. From behind the subject, measure the maximum distance across the elbows.

.....A BIVARIATE FREQUENCY TABLE FOR

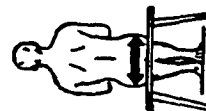
X = HEIGHT (STATURE)
AND
Y = HIP BREADTH-SITTING

Y / X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
42.25																									1
41.25																									2
40.25																									9
39.25																									36
38.25																									82
37.25																									195
36.25																									446
35.25																									819
34.25																									1465
33.25																									2097
32.25																									2117
31.25																									1340
30.25																									503
29.25																									166
28.25																									27
27.25																									7
TOTALS	5	7	31	87	164	336	493	845	1107	1347	1337	1057	939	710	407	284	143	59	36	14	1	2	0	1	9412

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.462)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = $1.452 * Y + 118.766$ / S.E. = 5.11
FOR Y ... MEAN = 33.11 S.D. = 1.84 ... REQ EQ-- Y = $0.147 * X + 8.587$ / S.E. = 1.63



Hip Breadth, Sitting

Measure maximum distance across the hips.

.....A BIVARIATE FREQUENCY TABLE FOR

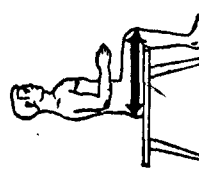
X = HEIGHT (STATURE)
AND
Y = BUTTOCK-KNEE LENGTH

Y \ X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
= /	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	1
65.25																									2
64.25																									3
63.25																									14
62.25																									31
61.25																									104
60.25																									218
59.25																									466
58.25																									814
57.25																									1162
56.25																									1461
55.25																									1603
54.25																									1453
53.25																									1017
52.25																									629
51.25																									265
50.25																									119
49.25																									44
48.25																									5
47.25																									3
TOTALS	5	7	31	87	164	336	493	845	1107	1347	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9413

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.785)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = $1.920 * Y + 60.139 / S.E. = 3.58$
FOR Y ... MEAN = 55.58 S.D. = 2.36 ... REQ EQ-- Y = $0.321 * X + 2.019 / S.E. = 1.46$



Buttock-Knee Length

Measure distance from rear projection of right buttock to front of right kneecap.

...A BIVARIATE FREQUENCY TABLE FOR

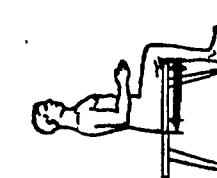
X = HEIGHT (STATURE)
AND
Y = BUTTOCK-POPLITEAL LENGTH*

Y / X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
= /	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	5
52.75													1	2	3	5	7	9	4			1			38
51.75												1	7	7	10	18	14	7	10	3	1				79
50.75																									235
49.75																									480
48.75																									906
47.75																									1423
46.75																									1686
45.75																									1671
44.75																									1351
43.75																									888
42.75																									408
41.75																									173
40.75																									52
39.75																									15
38.75																									3
37.75																									
TOTALS	5	7	31	87	164	336	493	845	1107	1347	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9413

SUMMARY STATISTICS

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.997* Y + 76.297 / S.E. = 3.88
FOR Y ... MEAN = 45.34 S.D. = 2.14 ... REQ EQ-- Y = 0.274* X - 0.373 / S.E. = 1.44

(CORRELATION COEFFICIENT = 0.740)



Buttock-Popliteal Length

Measure distance from rear projection of right buttock to back of right knee.

NOTE: The scale on the anthropometer indicates the distance from the lower edge of the anthropometer arm. Therefore, ten (10) millimeters (the width of the arm) must be added to the recorded figure to obtain the true Buttock-Popliteal length.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)
AND
Y = BACK-WAIST LENGTH

Y / X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
= /	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	TOTALS
59.25																									0
58.25																									6
57.25																									7
56.25																									18
55.25																									44
54.25																									104
53.25																									234
52.25																									358
51.25																									848
50.25																									924
49.25																									1402
48.25																									1276
47.25																									1403
46.25																									1047
45.25																									770
44.25																									446
43.25																									286
42.25																									132
41.25																									59
40.25																									18
39.25																									8
38.25																									15
37.25																									5
36.25																									3
35.25																									
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.562)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.190* Y + 110.817 / S.E. = 4.77
FOR Y ... MEAN = 47.08 S.D. = 2.72 ... REQ EQ-- Y = 0.265* X + 2.869 / S.E. = 2.25



Back-Waist Length

Measure along spinal crease of back from base of neck to level of waist (top of hip bones).

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)
AND
Y = SHOULDER LENGTH

Y / X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
= /	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	TOTALS
19.60									1	2	3	3	6	2	4	3	1	1	1	1					11
19.10								1	2	2	3	7	11	10	17	7	9	1	1	1		1			29
18.60						1		5	4	9	7	11	30	19	18	6	8	2	4	2					83
18.10			1	2		7	8	15	27	24	31	30	34	29	28	14	6	7	3	1					204
17.60			1	1	4	7	11	14	32	46	48	41	34	29	14	6	6	7	3	1					327
17.10				4	9	10	33	55	79	95	109	101	95	68	39	40	15	9	4	3					768
16.60					3	6	30	31	77	107	123	146	127	117	96	60	52	25	11	4	1				1021
16.10				2	10	16	40	66	154	213	273	250	212	224	176	86	66	40	10	11			1		1851
15.60			1	2	4	5	26	52	84	134	179	222	242	177	165	119	66	39	22	10	5				1555
15.10				1	6	18	46	88	142	214	275	325	313	223	166	117	66	31	19	5	1				2056
14.60			2	8	14	28	58	62	113	122	132	121	88	56	35	17	17	3	2						880
14.10		2	3	8	25	26	34	42	57	61	74	65	33	29	25	13	5	3	1						506
13.60			1	4	3	10	10	8	9	15	8	4	3	6	3	2									86
13.10			1			5	4	4	7	4	1	4													32
12.60																									2
12.10																									1
11.60																									2
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.265)

FDR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.499* Y + 143.254 / S.E. = 5.56
FDR Y ... MEAN = 15.74 S.D. = 1.02 ... REQ EQ-- Y = 0.047* X + 7.897 / S.E. = 0.98



Shoulder Length

Measure along top of right shoulder from junction of neck to level of waist (top of hip bones).

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)
AND
Y = INTERSCYE BREADTH

Y / X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
= /	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25
52.25																									1
51.25																									1
50.25																									5
49.25																									13
48.25																									20
47.25																									46
46.25																									94
45.25																									140
44.25																									291
43.25																									553
42.25																									741
41.25																									857
40.25																									1457
39.25																									1259
38.25																									1113
37.25																									933
36.25																									714
35.25																									499
34.25																									343
33.25																									174
32.25																									94
31.25																									48
30.25																									16
29.25																									1
28.25																									1
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.145)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 0.277* Y + 155.983 / S.E. = 5.71
FOR Y ... MEAN = 39.22 S.D. = 3.03 ... REQ EQ-- Y = 0.076* X + 26.537 / S.E. = 3.00



Interscye Breadth

Subject's arms are hanging down.
Measure across back between arm-pit creases (scye points).

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =INTERSCYE MAXIMUM

Y \ X=	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25
72.50																									3
71.00																									1
69.50																									15
68.00																									26
66.50																									66
65.00																									101
63.50																									223
62.00																									386
60.50																									882
59.00																									968
57.50																									1484
56.00																									1384
54.50																									1358
53.00																									895
51.50																									767
50.00																									385
48.50																									183
47.00																									96
45.50																									82
44.00																									52
42.50																									24
41.00																									7
39.50																									21
38.00																									5
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.254)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 0.349* Y + 147.311 / S.E. = 5.58
FOR Y ... MEAN = 55.98 S.D. = 4.19 ... REQ EQ-- Y = 0.184* X + 25.276 / S.E. = 4.05



Interscye Maximum

Subject's arms and hands are extended fully forward. Measure minimum distance across the back between the scye points.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)
AND
Y = SLEEVE INSEAM

Y \ X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
= /	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	1
58.75																									1
57.75																									1
56.75																									0
55.75																									2
54.75																									9
53.75																									18
52.75																									50
51.75																									157
50.75																									165
49.75																									838
48.75																									1095
47.75																									1450
46.75																									1525
45.75																									1618
44.75																									1142
43.75																									730
42.75																									359
41.75																									150
40.75																									51
39.75																									39
38.75																									13
37.75																									1
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.670)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.677* Y + 88.589 / S.E. = 4.28
FOR Y ... MEAN = 46.67 S.D. = 2.30 ... REQ EQ-- Y = 0.268* X + 1.950 / S.E. = 1.71



Sleeve Inseam

Subject's arms and fingers are straight and right arm is held away from the body at a 45-degree angle. Measure distance from front edge of right armpit to notch between thumb and wrist.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)

AND

Y = SLEEVE LENGTH (SPINE TO WRIST)

Y \ X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
= /	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25
99.00																									1
97.50																									1
96.00																									3
94.50																									3
93.00																									23
91.50																									34
90.00																									137
88.50																									326
87.00																									599
85.50																									1029
84.00																									1333
82.50																									1655
81.00																									1194
79.50																									1596
78.00																									772
76.50																									400
75.00																									174
73.50																									96
72.00																									23
70.50																									14
69.00																									1
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.683)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.125* Y + 74.432 / S.E. = 4.21
 FOR Y ... MEAN = 82.15 S.D. = 3.50 ... REQ EQ-- Y = 0.415* X + 12.905 / S.E. = 2.56

Sleeve Length

Subject's upper arms are raised and pointing horizontally, fore-arms crooked at a 90-degree angle, and hands making fists. Place the two fists against each other in front, knuckles touching. Measure from spinal crease, over the right elbow, to right wrist (middle of styloid process).



.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)
AND
Y = HEAD CIRCUMFERENCE

Y \ X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
= /	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	TOTALS
61.70																									3
61.20																									6
60.70																									15
60.20																									25
59.70																									74
59.20																									149
58.70																									296
58.20																									415
57.70																									651
57.20																									790
56.70																									1133
56.20																									1093
55.70																									1289
55.20																									1029
54.70																									958
54.20																									599
53.70																									456
53.20																									205
52.70																									113
52.20																									69
51.70																									33
51.20																									8
50.70																									2
50.20																									
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

(CORRELATION COEFFICIENT = 0.347)

SUMMARY STATISTICS

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.286* Y + 95.740 / S.E. = 5.41
FOR Y ... MEAN = 55.29 S.D. = 1.56 ... REQ EQ-- Y = 0.094* X + 39.609 / S.E. = 1.46



Head

Measure maximum circumference
at forehead, above ears.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)
AND
Y = NECK CIRCUMFERENCE

Y / X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
= /	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25
45.25								1																	1
44.25								3					2												10
43.25								3				1	3												11
42.25								3				6	13												51
41.25								2				10	19												109
40.25								1				8	19												277
39.25								2				7	29												1
38.25								6				18	28												540
37.25								3				9	20												995
36.25								1				2	31												1649
35.25								6				5	13												2153
34.25								2				22	31												1899
33.25								4				9	21												1162
32.25								3				7	9												428
31.25								1				4	11												101
30.25								2				3	1												25
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.308)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 0.955* Y + 132.141 / S.E. = 5.49
FOR Y ... MEAN = 36.34 S.D. = 1.86 ... REQ EQ-- Y = 0.099* X + 19.824 / S.E. = 1.77

Neck

Measure circumference just below
top of Adams's apple.



.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)
AND
Y = SHOULDER CIRCUMFERENCE

Y / X =	147.00	149.25	151.25	153.25	155.25	157.25	159.25	161.25	163.25	165.25	167.25	169.25	171.25	173.25	175.25	177.25	179.25	181.25	183.25	185.25	187.25	189.25	191.25	193.25	TOTALS
147.00																									1
149.25																									0
151.25																									3
153.25																									3
155.25																									4
157.25																									11
159.25																									25
161.25																									47
163.25																									81
165.25																									107
167.25																									185
169.25																									269
171.25																									429
173.25																									679
175.25																									1284
177.25																									1579
179.25																									1747
181.25																									1366
183.25																									979
185.25																									416
187.25																									140
189.25																									42
191.25																									16
193.25																									1
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

101-11

(CORRELATION COEFFICIENT = 0.332)

SUMMARY STATISTICS

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 0.304* Y + 133.731 / S.E. = .44
FOR Y ... MEAN = 108.93 S.D. = 6.31 ... REQ EQ-- Y = 0.363* X + 48.368 / S.E. = .95



Shoulder

Measure circumference of upper body, over bulges of upper arm muscles.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)
AND
Y = CHEST CIRCUMFERENCE

Y \ X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	
124.00																									1
121.50																									2
119.00																									0
116.50																									2
114.00																									7
111.50																									15
109.00																									45
106.50																									82
104.00																									111
101.50																									159
99.00																									393
96.50																									640
94.00																									1289
91.50																									1617
89.00																									2068
86.50																									1480
84.00																									965
81.50																									382
79.00																									120
76.50																									32
74.00																									4
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.315)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = $0.333 * Y + 136.753$ / S.E. = 5.47
FOR Y ... MEAN = 90.37 S.D. = 5.46 ... REQ EQ-- Y = $0.298 * X + 40.651$ / S.E. = 5.18



Chest

Subject is breathing normally.
Measure chest circumference at
nipple level.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)
AND
Y = WAIST CIRCUMFERENCE

Y \ X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	TOTALS
114.50																									1
112.00																									0
109.50																									4
107.00																									9
104.50																									13
102.00																									30
99.50																									47
97.00																									76
94.50																									93
92.00																									137
89.50																									198
87.00																									341
84.50																									596
82.00																									978
79.50																									1277
77.00																									1638
74.50																									1420
72.00																									1289
69.50																									771
67.00																									353
64.50																									111
59.50																									29
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

(CORRELATION COEFFICIENT = 0.202)

SUMMARY STATISTICS

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 0.173* Y + 153.433 / S.E. = 5.65
FOR Y ... MEAN = 77.53 S.D. = 6.71 ... REQ EQ-- Y = 0.235* X + 38.326 / S.E. = 6.57

Waist

Circumference at level of navel with abdomen relaxed. Place tape around waist with abdomen "sucked in". Ask subject to relax ("let it out") and loosen tape as abdomen is relaxed. Read circumference when fully relaxed.



.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)
AND
Y = HIP CIRCUMFERENCE

Y \ X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
= /	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	
124.25																									1
122.25																									0
120.25																									0
118.25																									0
116.25																									0
114.25																									2
112.25																									8
110.25																									10
108.25																									16
106.25																									55
104.25																									85
102.25																									144
100.25																									254
98.25																									490
96.25																									780
94.25																									1221
92.25																									1618
90.25																									1702
88.25																									1370
86.25																									909
84.25																									485
82.25																									191
80.25																									61
78.25																									10
76.25																									2
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.406)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 0.489* Y + 122.039 / S.E. = 5.27
FOR Y ... MEAN = 91.63 S.D. = 4.79 ... REQ EQ-- Y = 0.337* X + 35.403 / S.E. = 4.38



Hip

Measure circumference around hips at level of greatest buttock protrusion.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)
AND
Y = VERTICAL TRUNK CIRCUMFERENCE

Y \ X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	TOTALS
194.25																									2
191.25																									0
188.25																									2
185.25																									6
182.25																									11
179.25																									22
176.25																									44
173.25																									99
170.25																									177
167.25																									357
164.25																									563
161.25																									981
158.25																									1244
155.25																									1574
152.25																									1562
149.25																									1280
146.25																									799
143.25																									424
140.25																									173
137.25																									64
134.25																									21
131.25																									9
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.568)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 0.441* Y + 98.580 / S.E. = 4.74
FOR Y ... MEAN = 154.80 S.D. = 7.43 ... REQ EQ-- Y = 0.732* X + 32.668 / S.E. = 6.11



Vertical Trunk

Measure vertical circumference through the crotch, over the right buttock, and over the midpoint of the right shoulder.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)
AND
Y = ARMSCYE CIRCUMFERENCE

Y \ X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
58.50																									2
57.00																									2
55.50																									11
54.00																									18
52.50																									55
51.00																									57
49.50																									206
48.00																									198
46.50																									519
45.00																									562
43.50																									1449
42.00																									1255
40.50																									2560
39.00																									1047
37.50																									1045
36.00																									253
34.50																									142
33.00																									20
31.50																									10
30.00																									3
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1381	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.271)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 0.462* Y + 147.652 / S.E. = 5.55
FOR Y ... MEAN = 41.55 S.D. = 3.38 ... REQ EQ-- Y = 0.159* X + 15.019 / S.E. = 3.26

Armscye



Subject's right arm is hanging straight down. Measure vertical circumference with tape as high as possible under right armpit and passing over acromion (knob on top of outside edge of right shoulder).

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)

AND

Y = UPPER ARM CIRCUMFERENCE, RELAXED

Y \ X=	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	
38.25													1												1
37.25													3		2										5
36.25												1	1	1	1										12
35.25												4	3	2	1										24
34.25												10	16	7	5							1			62
33.25												6	10	14	11	10									108
32.25												17	10	15	14	13									164
31.25												12	17	27	24	20	13								316
30.25												4	10	16	28	41	33								486
29.25												17	27	60	59	64	20								809
28.25												32	70	91	121	107	87								1375
27.25												126	156	194	214	158	149	104							1691
26.25												55	158	215	235	241	196	165	129						1781
25.25												118	171	213	269	268	191	164	131						1403
24.25												76	91	116	113	73	59	52	23						743
23.25												32	36	37	40	52	26	23	19						325
22.25												6	10	12	10	13	3	5	1						81
21.25												2	4	6	2	2	2	1							25
20.25												1													1
19.25																									1
18.25																									1
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.196)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 0.490* Y + 154.074 / S.E. = 5.66
FOR Y ... MEAN = 26.07 S.D. = 2.30 ... REQ EQ-- Y = 0.078* X + 13.052 / S.E. = 2.26



Upper Arm

Measure circumference of right upper arm midway between shoulder and elbow with biceps relaxed.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)

AND

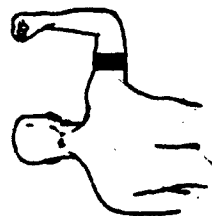
Y =BICEPS CIRCUMFERENCE, FLEXED

Y \ X=	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	2
40.75												1	2	2	3		1								3
39.75												1	2	2	3		1								11
38.75												4	4	4	3		1								19
37.75												1	4	5	2		2								31
36.75												5	1	3	2		2								85
35.75												12	6	16	10		4								110
34.75												18	16	10	13		5								170
33.75												22	27	12	12		6								295
32.75												41	39	35	16		12								436
31.75												61	65	51	21		20								812
30.75												126	114	103	80		43								1253
29.75												175	188	130	99		44								1481
28.75												203	217	189	141		38								1708
27.75												245	234	193	136		22								1375
26.75												171	216	199	95		29								958
25.75												124	152	133	89		31								442
24.75												59	68	60	38		20								160
23.75												22	19	27	11		7								46
22.75												6	9	5	5		3								14
21.75												2	3	2	2		1								3
20.75												1	1												
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.217)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 0.497* Y +152.611 / S.E. = 5.63
 FOR Y ... MEAN = 28.64 S.D. = 2.51 ... REQ EQ-- Y = 0.094*.X + 12.959 / S.E. = 2.45



Biceps

Measure circumference on right arm with biceps flexed and hand making a fist.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)
AND
Y = FOREARM CIRCUMFERENCE, FLEXED

Y \ X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
= /	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	9
33.85							1				4	2	4	1	1			1							17
32.85								4	2	8	4	4	7	4	7	5	4	2	1		2				56
31.85						1	4	3	6	24	24	24	21	14	11	11	4	2	3		2				155
30.85							9	13	38	52	43	50	59	42	31	27	13	2	3		1				393
29.85						2	4	17	20	50	82	110	126	115	94	76	42	33	19	7					814
28.85						5	4	17	20	50	82	110	126	115	94	76	42	33	19	7					1457
27.85						2	18	38	50	126	168	183	208	162	143	81	60	32	12	8	1				1990
26.85						1	3	15	34	65	90	160	222	313	296	234	216	161	95	48	5	1			1864
25.85						2	8	16	27	71	108	202	228	254	278	228	164	120	69	54	18	8			1489
24.85						1	1	6	23	42	67	102	154	198	228	206	145	121	88	47	28	19	8		783
23.85						2	1	8	12	20	53	64	88	101	125	98	68	64	42	15	11	5			291
22.85						1	2	9	13	12	30	32	45	39	42	20	20	14	6	7					70
21.85						2	2	2	8	10	11	9	8	4	2	2	1								22
20.85						1	1	7	2	4	3	1	1												4
19.85						1																			
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.243)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 0.738* Y + 147.284 / S.E. = 5.59
FOR Y ... MEAN = 26.51 S.D. = 1.90 ... REQ EQ-- Y = 0.080* X + 13.161 / S.E. = 1.84



Forearm

Measure maximum circumference around right forearm with muscle flexed and hand making a fist.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)

AND

Y =WRIST CIRCUMFERENCE

Y / X=	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	TOTALS
20.40										2			1	2	1	1	2	2							11
20.10																									11
19.80										2				3	2	1	3	2							0
19.50											1		1	1	3		1	1	2						14
19.20										1	5	10	14	19	22	18	11	11	4	4	2		1		145
18.90										1	5	20	20	11	24	13	11	8	4	1	3	2	1		131
18.60												7	12	10	7	8	12	10	2	1	1			79	
18.30																									
18.00																								1	868
17.70																									172
17.40																									652
17.10																									2231
16.80																									376
16.50																									451
16.20																									1769
15.90																									547
15.60																									223
15.30																									380
15.00																									38
14.70																									59
14.40																									37
14.10																									0
13.80																									4
13.50																									
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.328)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 2.042* Y +132.808 / S.E. = 5.45
 FOR Y ... MEAN = 16.67 S.D. = 0.93 ... REQ EQ-- Y = 0.053* X + 7.827 / S.E. = 0.87



Wrist

Measure circumference of right wrist above protrusion of the wristbone.

.....A BIVARIATE FREQUENCY TABLE FOR

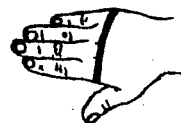
X =HEIGHT (STATURE)
AND
Y =HAND CIRCUMFERENCE

Y \ X=	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	TOTALS
25.95																									1
25.55																									0
25.15																									5
24.75																									0
24.35																									13
23.95																									82
23.55																									63
23.15																									494
22.75																									56
22.35																									542
21.95																									1632
21.55																									935
21.15																									2369
20.75																									344
20.35																									960
19.95																									1159
19.55																									343
19.15																									282
18.75																									33
18.35																									62
17.95																									33
17.55																									2
17.15																									4
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.316)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.718* Y +130.538 / S.E. = 5.47
FOR Y ... MEAN = 21.13 S.D. = 1.06 ... REQ EQ-- Y = 0.058* X + 11.457 / S.E. = 1.01



Hand

Measure circumference of right hand around base of fingers.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)

AND

Y = CROTCH-THIGH CIRCUMFERENCE

Y / X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
= /	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	TOTALS
72.50																									1
71.00																									0
69.50																									6
68.00																									12
66.50																									25
65.00																									27
63.50																									90
62.00																									95
60.50																									288
59.00																									255
57.50																									745
56.00																									575
54.50																									1438
53.00																									984
51.50																									1690
50.00																									1114
48.50																									1087
47.00																									451
45.50																									368
44.00																									93
42.50																									42
41.00																									18
39.50																									8
38.00																									1
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	938	710	407	284	143	59	36	14	1	2	0	1	9413

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.226)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ--- X = 0.311* Y + 150.499 / S.E. = 5.62
 FOR Y ... MEAN = 52.56 S.D. = 4.18 ... REQ EQ--- Y = 0.164* X + 25.200 / S.E. = 4.08



Crotch-Thigh

Measure circumference of right thigh just below buttock crease.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)

AND

Y = LOWER THIGH CIRCUMFERENCE

Y \ X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
147	1																								2
149		1																							4
151			1																						11
153				1																					17
155					1																				28
157						1																			52
159							1																		93
161								1																	213
163									1																365
165										1															589
167											1														893
169												1													1273
171													1												1414
173														1											1458
175															1										1280
177																1									883
179																	1								473
181																		1							227
183																			1						93
185																				1					37
187																					1				3
189																						1			5
191																							1		1
193																									9414
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.304)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 0.665* Y + 142.444 / S.E. = 5.49
FOR Y ... MEAN = 36.70 S.D. = 2.63 ... REQ EQ-- Y = 0.139* X + 13.504 / S.E. = 2.51



Lower Thigh

Measure circumference of right thigh just above kneecap.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)
AND
Y = CALF CIRCUMFERENCE

Y \ X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
= /	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	3
44.25																									4
43.25																									18
42.25																									18
41.25																									71
40.25																									112
39.25																									241
38.25																									480
37.25																									781
36.25																									1244
35.25																									1712
34.25																									1640
33.25																									1441
32.25																									945
31.25																									511
30.25																									150
29.25																									29
28.25																									12
27.25																									2
26.25																									
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.307)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 0.782* Y + 140.442 / S.E. = 5.49
FOR Y ... MEAN = 33.77 S.D. = 2.26 ... REQ EQ-- Y = 0.120* X + 13.744 / S.E. = 2.15



Calf

Measure on right leg at point of
greatest calf circumference.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)
AND
Y = ANKLE CIRCUMFERENCE

Y \ X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
27.15																									1
26.75																									0
26.35																									2
25.95																									7
25.55																									8
25.15																									40
24.75																									11
24.35																									58
23.95																									225
23.55																									167
23.15																									749
22.75																									184
22.35																									669
21.95																									1615
21.55																									908
21.15																									1965
20.75																									416
20.35																									831
19.95																									1011
19.55																									243
19.15																									218
18.75																									26
18.35																									38
17.95																									18
17.55																									4
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

(CORRELATION COEFFICIENT = 0.389)

SUMMARY STATISTICS

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.880* Y + 126.600 / S.E. = 5.31
FOR Y ... MEAN = 21.41 S.D. = 1.19 ... REQ EQ-- Y = 0.080* X + 8.060 / S.E. = 1.10



Ankle

Measure on right leg at point of least circumference above ankle bone.

.....A BIVARIATE FREQUENCY TABLE FOR

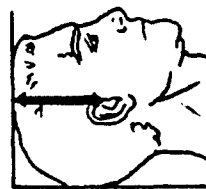
X =HEIGHT (STATURE)
AND
Y =HEAD HEIGHT (TRAGION-TO-VERTEX)

Y \ X=	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	TOTALS
15.60													1		1									1	3
15.30												2	3	2	2										11
15.00											7	4	5	4	2										34
14.70											12	21	20	12	9										126
14.40											39	35	42	40	34										289
14.10											67	70	60	45	51										472
13.80											115	156	111	118	91										918
13.50											192	190	155	142	90										1258
13.20											187	227	213	162	156	108									1508
12.90											161	210	238	212	166	139	109								1544
12.60											137	184	186	123	99	89	54								1242
12.30											107	114	100	83	80	50	26								798
12.00											68	107	114	100	83	80	50	26							534
11.70											76	69	56	58	31	33	11	6							346
11.40											46	49	40	41	43	29	19	10							191
11.10											23	31	22	16	15	8	9	1							69
10.80											11	10	9	4	9	4	3	2							49
10.50											8	8	3	8	3	5									15
10.20											3	1	1	2	1	1									5
9.90											1	1	1	1	2										
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	4414

SUMMARY STATISTICS

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.537* Y + 147.306 / S.E. = 5.65
FOR Y ... MEAN = 12.71 S.D. = 0.76 ... REQ EQ-- Y = 0.027* X + 8.209 / S.E. = 0.75

(CORRELATION COEFFICIENT = 0.203)



Head Height

Measure vertical distance from notch in front of right ear (tragion) to top of head with large sliding caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

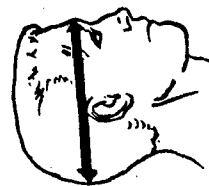
X = HEIGHT (STATURE)
AND
Y = HEAD LENGTH

Y \ X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
= /	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	3
21.35						1			2	1		4	3	1	1	2		2	1						18
20.95						2	4		2	8	6	14	6	12	12	11	1	2	1	1					83
20.55					1	2	15		2	34	52	41	40	47	30	18	13	6	1	1					339
20.15				4	5	8	24	56	69	106	108	106	115	80	45	37	22	11	7	3	1				823
19.75			1	3	12	16	34	48	127	143	226	253	202	194	123	89	62	38	13	10	6				1594
19.35				1	7	18	31	60	83	182	220	305	294	224	161	86	53	19	11	7	1				1976
18.95					6	17	31	60	83	182	220	305	294	224	161	86	53	19	11	7	1				1846
18.55					1	8	19	35	71	106	170	267	253	268	211	147	124	69	47	31	2				1353
18.15					2	5	16	28	71	87	130	176	209	191	139	118	95	39	32	8	4				719
17.75					1	2	3	14	21	32	66	84	98	114	86	70	54	33	22	13	5				448
17.35						6	9	8	27	44	52	68	64	56	30	33	27	10	9						157
16.95						1		2	16	19	18	33	20	14	13	11	6								51
16.55								4	7	7	7	6	10	2	4		1								4
16.15								1		2															
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

(CORRELATION COEFFICIENT = 0.237)

SUMMARY STATISTICS

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.815* Y + 132.843 / S.E. = 5.60
FOR Y ... MEAN = 18.74 S.D. = 0.75 ... REQ EQ-- Y = 0.031* X + 13.563 / S.E. = 0.73



Head Length

Measure maximum length of the head from slightly above the eyes on the forehead to the back of the head with the spreading caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

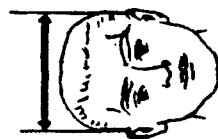
X = HEIGHT (STATURE)
AND
Y = HEAD BREADTH

Y \ X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	TOTALS
17.35								1					1			1									4
17.15								2	2	2	2	1	1			1									7
16.95								2	2	2	1	4	3		4	1									18
16.75								1	2	1	4	3	3		1	1									18
16.55								7	11	10	4	4	5		3	4									63
16.35								6	9	10	12	19	13		5	4									98
16.15								2	9	10	12	27	25		8	9									211
15.95								10	13	26	37	35	45		19	6									315
15.75								3	10	35	40	62	66		33	25									499
15.55								1	6	12	21	34	51		70	18									688
15.35								1	3	12	21	35	57		80	29									821
15.15								4	5	11	24	36	71		118	35									1050
14.95								1	2	11	28	54	84		159	27									1107
14.75								2	4	11	49	64	103		177	42									1200
14.55								4	10	29	47	63	101		168	50									903
14.35								3	14	21	34	55	82		150	43									730
14.15								1	7	9	18	30	28		111	25									475
13.95								2	10	11	17	21	58		82	12									291
13.75								3	6	9	17	16	35		68	8									151
13.55								1	3	5	10	12	25		31	9									40
13.35								2	2	1	4	2	3		19	1									26
13.15								1	1	2	2	3	6		23	3									10
12.95															10	1									4
12.75															2	1									3
12.55																									
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.114)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 0.980* Y + 152.282 / S.E. = 5.73
FOR Y ... MEAN = 14.86 S.D. = 0.67 ... REQ EQ-- Y = 0.013* X + 12.693 / S.E. = 0.67



Head Breadth

Measure, from behind subject, maximum breadth of head (usually above and behind the ears) with the spreading caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =FOOT LENGTH

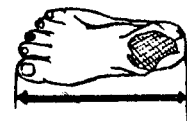
Y / X=	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	TOTALS
32.20																									1
31.70																									0
31.20																									2
30.70																									1
30.20																									6
29.70																									40
29.20																									79
28.70																									164
28.20																									325
27.70																									678
27.20																									1076
26.70																									1398
26.20																									1598
25.70																									1496
25.20																									1105
24.70																									740
24.20																									434
23.70																									179
23.20																									68
22.70																									20
22.20																									3
21.70																									1
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.664)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 3.183* Y + 84.137 / S.E. = 4.31
FOR Y ... MEAN = 25.98 S.D. = 1.20 ... REQ EQ-- Y = 0.138* X + 2.960 / S.E. = 0.90

Foot Length



Subject's right foot is placed in foot box with heel touching the end barricade and with right edge of widest part of foot touching the side barricade. Measure the maximum length of the foot from back of heel to tip of longest toe.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)
AND
Y = INSTEP LENGTH

Y \ X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
= /	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25
23.00																									1
22.50																									1
22.00																									1
21.50																									1
21.00																									1
20.50																									1
20.00																									1
19.50																									1
19.00																									1
18.50																									1
18.00																									1
17.50																									1
17.00																									1
16.50																									1
16.00																									1
15.50																									1
15.00																									1
14.50																									1
14.00																									1
13.50																									1
13.00																									1
12.50																									1
12.00																									1
11.50																									1
TOTALS	2	6	19	55	108	218	318	535	725	839	844	693	617	477	275	182	93	40	21	10	1	1	0	1	6080

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.487)

FOR X ... MEAN = 166.91 S.D. = 5.78 ... REQ EQ-- X = 2.474* Y + 123.717 / S.E. = 5.05
FOR Y ... MEAN = 17.46 S.D. = 1.14 ... REQ EQ-- Y = 0.096* X + 1.436 / S.E. = 0.99



Instep Length

Subject's right foot is in same position in foot box as for No. 68. Measure distance from back of heel to widest part of foot (ball of foot).

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)
AND
Y = FOOT BREADTH

Y \ X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
12.45																									15
12.25																									1
12.05																									115
11.85																									1
11.65																									4
11.45																									482
11.25																									10
11.05																									1550
10.85																									6
10.65																									29
10.45																									1 2703
10.25																									25
10.05																									2694
9.85																									0
9.65																									17
9.45																									1316
9.25																									6
9.05																									381
8.85																									0
8.65																									0
8.45																									52
8.25																									0
8.05																									7
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.284)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = $2.532 * Y + 140.772$ / S.E. = 5.53
FOR Y ... MEAN = 10.30 S.D. = 0.65 ... REQ EQ-- Y = $0.032 * X + 4.959$ / S.E. = 0.62



Foot Breadth

Subject's right foot is in same position in foot box as for No. 68 and No. 69. Measure maximum breadth of foot at ball of foot.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =HEEL BREADTH

Y / X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
= /	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	1
8.55																									1
8.35																									1
8.15																									13
7.95																									53
7.75																									54
7.55																									231
7.35																									390
7.15																									1047
6.95																									2441
6.75																									1501
6.55																									2148
6.35																									767
6.15																									518
5.95																									229
5.75																									13
5.55																									6
TOTALS	5	7	31	87	164	336	493	844	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9413

SUMMARY STATISTICS

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ--
FOR Y ... MEAN = 6.79 S.D. = 0.37 ... REQ EQ--

(CORRELATION COEFFICIENT = 0.370)



Heel Breadth

Subject stands on flat surface.
Measure maximum breadth of right
heel behind and below the pro-
jections of the ankle bones with
the small sliding caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)
AND
Y = BALL-OF-FOOT CIRCUMFERENCE

Y/X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	4
31.10																									0
30.60																									16
30.10																									5
29.60																									124
29.10																									33
28.60																									600
28.10																									105
27.60																									1583
27.10																									212
26.60																									1
26.10																									2580
25.60																									243
25.10																									2373
24.60																									140
24.10																									1042
23.60																									40
23.10																									263
22.60																									9
22.10																									38
21.60																									0
21.10																									3
TOTALS	5	7	31	87	164	336	493	845	1106	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9413

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.398)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.778* Y +121.027 / S.E. = 5.29
FOR Y ... MEAN = 25.77 S.D. = 1.29 ... REQ EQ-- Y = 0.089* X + 10.921 / S.E. = 1.18



Ball-of-Foot Circumference

Subject stands on flat surface.
Measure maximum circumference of
right foot at ball of foot with
tape.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEIGHT (STATURE)
AND
Y =HEEL-ANKLE DIAGONAL

Y \ X=	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	
39.45																									5
38.45																									55
37.45																									234
36.45																									682
35.45																									1643
34.45																									2501
33.45																									2455
32.45																									1281
31.45																									431
30.45																									108
29.45																									17
28.45																									1
27.45																									0
26.45																									1
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.599)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 2.355* Y + 87.402 / S.E. = 4.62
FOR Y ... MEAN = 33.73 S.D. = 1.47 ... REQ EQ-- Y = 0.152* X + 8.374 / S.E. = 1.17

Heel-Ankle Diagonal

Subject stands on flat surface.
With tape, measure the diagonal
circumference around the right
ankle, around rear tip of the
heel, and over instep where foot
joins the leg.



.....A BIVARIATE FREQUENCY TABLE FOR

X = HEIGHT (STATURE)
AND
Y = INSTEP CIRCUMFERENCE

Y \ X =	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	TOTALS
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25
34.00																									2
33.50																									2
33.00																									7
32.50																									2
32.00																									47
31.50																									3
31.00																									107
30.50																									3
30.00																									331
29.50																									58
29.00																									824
28.50																									115
28.00																									1615
27.50																									212
27.00																									2155
26.50																									212
26.00																									2014
25.50																									215
25.00																									1048
24.50																									53
24.00																									323
23.50																									11
23.00																									49
22.50																									3
22.00																									3
TOTALS	5	7	31	87	164	336	493	845	1107	1348	1338	1057	939	710	407	284	143	59	36	14	1	2	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.333)

FOR X ... MEAN = 166.85 S.D. = 5.77 ... REQ EQ-- X = 1.227* Y + 133.773 / S.E. = 5.44
FOR Y ... MEAN = 26.95 S.D. = 1.56 ... REQ EQ-- Y = 0.090* X + 11.938 / S.E. = 1.47

Instep Circumference

Subject stands on flat surface.
With tape, measure the circumference over the instep of the right foot, where the foot joins the leg, and under the arch.



.....A BIVARIATE FREQUENCY TABLE FOR

X = HEAD CIRCUMFERENCE

AND

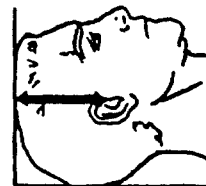
Y = HEAD HEIGHT (TRAGION-TO-VERTEX)

Y \ X =	50	50	51	51	52	52	53	53	54	54	55	55	56	56	57	57	58	58	59	59	60	60	61	61	TOTALS
= /	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	TOTALS
15.60																	1		1						2
15.30																					1				3
15.00																									11
14.70																									34
14.40																									126
14.10																									289
13.80																									472
13.50																									918
13.20																									1258
12.90																									1508
12.60																									1544
12.30																									1242
12.00																									798
11.70																									534
11.40																									346
11.10																									191
10.80																									69
10.50																									49
10.20																									15
9.90																									5
TOTALS	2	8	33	69	113	205	456	599	958	1029	1289	1093	1133	790	651	415	296	149	74	25	15	6	3	3	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.306)

FOR X ... MEAN = 55.29 S.D. = 1.56 ... REQ EQ-- X = 0.624* Y + 47.359 / S.E. = 1.48
 FOR Y ... MEAN = 12.71 S.D. = 0.76 ... REQ EQ-- Y = 0.150* X + 4.420 / S.E. = 0.73



Head Height

Measure vertical distance from notch in front of right ear (tragion) to top of head with large sliding caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

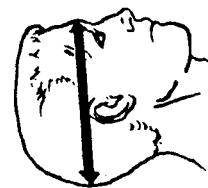
X = HEAD CIRCUMFERENCE
AND
Y = HEAD LENGTH

Y \ X =	50	50	51	51	52	52	53	53	54	54	55	55	56	56	57	57	58	58	59	59	60	60	61	61	TOTALS
= /	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	
21.35																									3
20.95																									18
20.55																									83
20.15																									339
19.75																									823
19.35																									1594
18.95																									1976
18.55																									1846
18.15																									1353
17.75																									719
17.35																									448
16.95																									157
16.55																									51
16.15																									4
TOTALS	2	8	33	69	113	205	456	599	958	1029	1289	1093	1133	790	651	415	296	149	74	25	15	6	3	3	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.701)

FOR X ... MEAN = 55.29 S.D. = 1.56 ... REQ EQ-- X = 1.451* Y + 28.108 / S.E. = 1.11
FOR Y ... MEAN = 18.74 S.D. = 0.75 ... REQ EQ-- Y = 0.339* X - 0.009 / S.E. = 0.54



Head Length

Measure maximum length of the head from slightly above the eyes on the forehead to the back of the head with the spreading caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEAD CIRCUMFERENCE
AND
Y =HEAD BREADTH

Y \ X =	50	50	51	51	52	52	53	53	54	54	55	55	56	56	57	57	58	58	59	59	60	60	61	61	TOTALS
=/	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	TOTALS
17.35																									4
17.15																									7
16.95																									18
16.75																									18
16.55																									63
16.35																									98
16.15																									211
15.95																									313
15.75																									499
15.55																									688
15.35																									684
15.15																									821
14.95																									1050
14.75																									1107
14.55																									1200
14.35																									903
14.15																									730
13.95																									475
13.75																									291
13.55																									151
13.35																									40
13.15																									26
12.95																									10
12.75																									4
12.55																									3
TOTALS	2	8	33	69	113	205	456	599	958	1029	1289	1093	1133	790	651	415	296	149	74	25	15	6	3	3	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.412)

FOR X ... MEAN = 55.29 S.D. = 1.56 ... REQ EQ--
FOR Y ... MEAN = 14.86 S.D. = 0.67 ... REQ EQ--

X = 0.956* Y + 41.085 / S.E. = 1.42
Y = 0.177* X + 5.075 / S.E. = 0.61



Head Breadth

Measure, from behind subject, maximum breadth of head (usually above and behind the ears) with the spreading caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

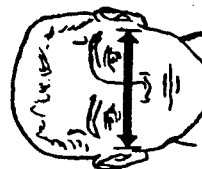
X = HEAD CIRCUMFERENCE
AND
Y = FACE BREADTH

Y \ X =	50	50	51	51	52	52	53	53	54	54	55	55	56	56	57	57	58	58	59	59	60	60	61	61	TOTALS
= /	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	
14.90																									1
14.60																									3
14.30																									5
14.00																									28
13.70																									97
13.40																									267
13.10																									595
12.80																									896
12.50																									1512
12.20																									1643
11.90																									1727
11.60																									1324
11.30																									712
11.00																									417
10.70																									133
10.40																									46
10.10																									8
TOTALS	2	8	33	69	113	205	456	599	958	1029	1289	1093	1133	790	651	415	296	149	74	25	15	6	3	3	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.345)

FOR X ... MEAN = 55.29 S.D. = 1.56 ... REQ EQ-- X = $0.840 * Y + 45.105$ / S.E. = 1.46
FOR Y ... MEAN = 12.13 S.D. = 0.64 ... REQ EQ-- Y = $0.142 * X + 4.277$ / S.E. = 0.60



Face Breadth

Measure maximum breadth between the cheekbone bulges with the spreading caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

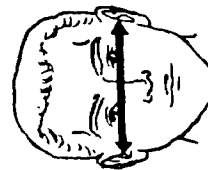
X = HEAD CIRCUMFERENCE
AND
Y = BITRAGION DIAMETER

Y \ X =	50	50	51	51	52	52	53	53	54	54	55	55	56	56	57	57	58	58	59	59	60	60	61	61	TOTALS
= /	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	TOTALS
15.35																									4
15.15																									4
14.95																									13
14.75																									41
14.55																									103
14.35																									180
14.15																									350
13.95																									592
13.75																									859
13.55																									1313
13.35																									1290
13.15																									1358
12.95																									1203
12.75																									912
12.55																									667
12.35																									295
12.15																									159
11.95																									51
11.75																									12
11.55																									8
TOTALS	2	8	33	69	113	205	456	599	958	1029	1289	1093	1133	790	651	415	296	149	74	25	15	6	3	3	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.481)

FOR X ... MEAN = 55.29 S.D. = 1.56 ... REQ EQ-- X = 1.400* Y + 36.714 / S.E. = 1.37
FOR Y ... MEAN = 13.27 S.D. = 0.53 ... REQ EQ-- Y = 0.165* X + 4.147 / S.E. = 0.47



Bitracion Diameter

Measure distance from the cartilaginous notch (tragion) of the right ear to same point of the left ear with the spreading caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

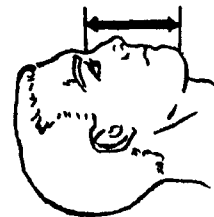
X = HEAD CIRCUMFERENCE
AND
Y = FACE LENGTH 3MENTON-NASAL ROOT DEPRESSION

Y \ X =	50	50	51	51	52	52	53	53	54	54	55	55	56	56	57	57	58	58	59	59	60	60	61	61	TOTALS
= /	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	
14.65											1	1	1												1
14.45															1	1	2								6
14.25											1	2	1				1	1							3
14.05															4	2	4	1	1						13
13.85															5	8	2	5	1	1					34
13.65																									57
13.45																									122
13.25																									230
13.05																									419
12.85																									617
12.65																									816
12.45																									1127
12.25																									1148
12.05																									1356
11.85																									1008
11.65																									856
11.45																									661
11.25																									462
11.05																									283
10.85																									96
10.65																									52
10.45																									36
10.25																									8
10.05																									3
TOTALS	2	8	33	69	113	205	456	599	958	1029	1289	1093	1133	790	651	415	296	149	74	25	15	6	3	3	9414

(CORRELATION COEFFICIENT = 0.308)

SUMMARY STATISTICS

FOR X ... MEAN = 55.29 S.D. = 1.56 ... REQ EQ--- X = 0.782* Y + 45.797 / S.E. = 1.48
FOR Y ... MEAN = 12.14 S.D. = 0.61 ... REQ EQ--- Y = 0.121* X + 5.453 / S.E. = 0.58



Face Length

Measure vertical distance between the tip of the chin and the depression between the eyes at the top of the nose with the small sliding calliper.

.....A BIVARIATE FREQUENCY TABLE FOR

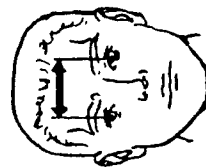
X = HEAD CIRCUMFERENCE
AND
Y = INTERPUPILLARY DISTANCE

Y \ X =	50	50	51	51	52	52	53	53	54	54	55	55	56	56	57	57	58	58	59	59	60	60	61	61	TOTALS
= /	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	TOTALS
7.45																									2
7.25																									6
7.05																									69
6.85																									172
6.65																									456
6.45																									1196
6.25																									1912
6.05																									2787
5.85																									1508
5.65																									863
5.45																									365
5.25																									64
5.05																									14
TOTALS	2	8	33	69	113	205	456	599	958	1029	1289	1093	1133	790	651	415	296	149	74	25	15	6	3	3	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.373)

FOR X ... MEAN = 55.29 S.D. = 1.56 ... REQ EQ-- X = 1.801* Y + 44.323 / S.E. = 1.45
FOR Y ... MEAN = 6.09 S.D. = 0.32 ... REQ EQ-- Y = 0.077* X + 1.833 / S.E. = 0.30



Interpupillary Distance

With subject's eyes looking straight ahead, measure distance between the centers of the pupils of the two eyes with the small sliding caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

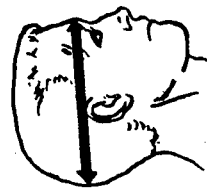
X = HEAD HEIGHT (TRAGION-TO-VERTEX)
AND
Y = HEAD LENGTH

Y \ X =	9	10	10	10	11	11	11	12	12	12	12	12	12	12	12	13	13	13	13	14	14	14	14	15	15	15	TOTALS					
=/	.90	.20	.50	.80	.10	.40	.70	.00	.30	.60	.90	.20	.50	.80	.10	.40	.70	.00	.30	.60	.90	.20	.50	.80	.10	.40	.70	.00	.30	.60	.90	TOTALS
21.35																																3
20.95																																18
20.55																																83
20.15																																339
19.75																																823
19.35																																1594
18.95																																1976
18.55																																1846
18.15																																1353
17.75																																719
17.35																																448
16.95																																157
16.55																																51
16.15																																4
TOTALS	5	15	49	69	191	346	534	798	1242	1544	1508	1258	918	472	289	126	34	11	3	2	9414											

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.251)

FOR X ... MEAN = 12.71 S.D. = 0.76 ... REQ EQ-- X = 0.255* Y + 7.936 / S.E. = 0.74
FOR Y ... MEAN = 18.74 S.D. = 0.75 ... REQ EQ-- Y = 0.248* X + 15.582 / S.E. = 0.73



Head Length

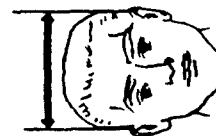
Measure maximum length of the head from slightly above the eyes on the forehead to the back of the head with the spreading caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEAD HEIGHT (TRAGION-TO-VERTEX)
AND
Y = HEAD BREADTH

Y \ X =	9	10	10	10	11	11	11	11	12	12	12	12	12	12	12	13	13	13	13	13	14	14	14	14	15	15	15	TOTALS
= /	.90	.20	.50	.80	.10	.40	.70	.10	.00	.30	.60	.90	.20	.50	.80	.10	.10	.40	.70	.00	.30	.60	.90	.20	.50	.80	.10	.10
17.35								1																				4
17.15										1																		7
16.95					1					2																		18
16.75						1	2																					18
16.55							1	1																				63
16.35								2	1																			98
16.15									1	1																		211
15.95																												313
15.75																												499
15.55																												688
15.35																												684
15.15																												821
14.95																												1050
14.75																												1107
14.55																												1200
14.35																												903
14.15																												730
13.95																												475
13.75																												291
13.55																												151
13.35																												40
13.15																												26
12.95																												10
12.75																												4
12.55																												3
TOTALS	5	15	49	69	191	346	534	798	1242	1544	1508	1258	918	472	289	126	34	11	3	2	94	14						

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.177)
FOR X ... MEAN = 12.71 S.D. = 0.76 ... REQ EQ-- X = 0.201* Y + 9.727 / S.E. = 0.75
FOR Y ... MEAN = 14.86 S.D. = 0.67 ... REQ EQ-- Y = 0.155* X + 12.891 / S.E. = 0.66



Head Breadth

Measure, from behind subject, maximum breadth of head (usually above and behind the ears) with the spreading caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEAD HEIGHT (TRAGION-TO-VERTEX)

AND

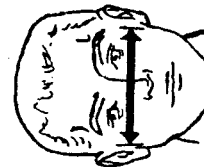
Y = FACE BREADTH

Y \ X =	9	10	10	10	11	11	11	12	12	12	12	12	12	12	12	13	13	13	13	14	14	14	14	15	15	15	TOTALS				
=/	.90	.20	.50	.80	.10	.40	.70	.00	.30	.60	.90	.20	.50	.80	.10	.40	.70	.00	.30	.60	.90	.20	.50	.80	.10	.40	.70	.00	.30	.60	TOTALS
14.90				1																											1
14.60							1																								3
14.30																															5
14.00																															28
13.70																															97
13.40																															267
13.10																															595
12.80																															896
12.50																															1512
12.20																															1643
11.90																															1727
11.60																															1324
11.30																															712
11.00																															417
10.70																															133
10.40																															46
10.10																															8
TOTALS	5	15	49	69	191	346	534	798	1242	1544	1508	1258	918	472	289	126	34	11	3	2	9414										

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.036)

FOR X ... MEAN = 12.71 S.D. = 0.76 ... REQ EQ-- X = 0.043* Y + 12.192 / S.E. = 0.76
 FOR Y ... MEAN = 12.13 S.D. = 0.64 ... REQ EQ-- Y = 0.031* X + 11.735 / S.E. = 0.64



Face Breadth

Measure maximum breadth between the cheekbone bulges with the spreading caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

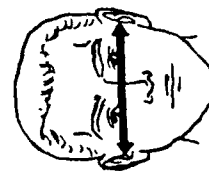
X = HEAD HEIGHT (TRAGION-TO-VERTEX)
AND
Y = BITRAGION DIAMETER

Y \ X =	9	10	10	10	11	11	11	12	12	12	12	12	12	13	13	13	13	13	14	14	14	14	15	15	TOTALS
= /	.90	.20	.50	.80	.10	.40	.70	.00	.30	.60	.90	.20	.50	.80	.10	.40	.70	.00	.30	.60	.90	.20	.50	.80	.10
15.35																									4
15.15																									4
14.95																									13
14.75																									41
14.55																									103
14.35																									180
14.15																									350
13.95																									592
13.75																									859
13.55																									1313
13.35																									1290
13.15																									1358
12.95																									1203
12.75																									912
12.55																									667
12.35																									295
12.15																									159
11.95																									51
11.75																									12
11.55																									8
TOTALS	5	15	49	69	191	346	534	798	1242	1544	1508	1258	918	472	289	126	34	11	3	2	9414				

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.153)

FOR X ... MEAN = 12.71 S.D. = 0.76 ... REQ EQ-- X = 0.218* Y + 9.821 / S.E. = 0.75
FOR Y ... MEAN = 13.27 S.D. = 0.53 ... REQ EQ-- Y = 0.107* X + 11.910 / S.E. = 0.53



Bitragion Diameter

Measure distance from the cartilaginous notch (tragion) of the right ear to same point of the left ear with the spreading caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

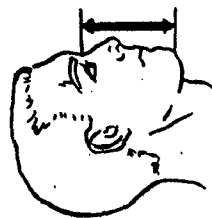
X = HEAD HEIGHT (TRAGION-TO-VERTEX)
AND
Y = FACE LENGTH (MENTON-NASAL ROOT DEPRESSION)

Y \ X =	9	10	10	10	11	11	11	12	12	12	12	12	12	13	13	13	13	14	14	14	14	15	15	15	TOTALS
=/	.90	.20	.50	.80	.10	.40	.70	.00	.30	.60	.90	.20	.50	.80	.10	.40	.70	.00	.30	.60	.90	.20	.50	.80	.10
14.65								2	1	1															1
14.45																									6
14.25																									3
14.05																									13
13.85																									34
13.65																									57
13.45																									122
13.25																									230
13.05																									419
12.85																									617
12.65																									816
12.45																									1127
12.25																									1148
12.05																									1356
11.85																									1008
11.65																									856
11.45																									661
11.25																									462
11.05																									283
10.85																									96
10.65																									52
10.45																									36
10.25																									8
10.05																									3
TOTALS	5	15	49	69	191	346	534	798	1242	1544	1508	1258	918	472	289	126	34	11	3	2	94	14			

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.141)

FOR X ... MEAN = 12.71 S.D. = 0.76 ... REQ EQ-- X = 0.175* Y + 10.589 / S.E. = 0.76
FOR Y ... MEAN = 12.14 S.D. = 0.61 ... REQ EQ-- Y = 0.113* X + 10.707 / S.E. = 0.61



Face Length

Measure vertical distance between the tip of the chin and the depression between the eyes at the top of the nose with the small sliding caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

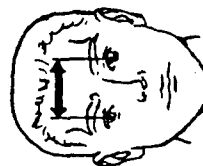
X = HEAD HEIGHT (TRAGION-TO-VERTEX)
AND
Y = INTERPUPILLARY DISTANCE

Y/X=	9	10	10	11	11	11	12	12	12	12	12	13	13	13	14	14	14	15	15	TOTALS
=/	.90	.20	.50	.80	.10	.40	.70	.00	.30	.60	.90	.20	.50	.80	.10	.40	.70	.00	.30	.60
7.45												1	1							2
7.25												2	1		1					6
7.05	1	1	1	3	2	5	8	17	8	13	5	1	2	1	1					69
6.85		2	3	3	4	7	8	22	21	27	28	19	15	6	6	1				172
6.65	1	1	4	5	18	19	37	55	63	65	73	45	30	19	13	5	1			456
6.45	2	6	8	24	41	61	84	152	194	196	160	133	65	43	19	4	1	3		1196
6.25	1	2	10	18	45	70	109	150	249	315	317	239	198	102	56	23	5	3		1912
6.05		5	14	18	60	99	164	237	364	450	449	384	272	133	90	38	6	3	1	2787
5.85	1	3	4	7	20	54	75	138	209	263	254	192	144	70	44	20	9	1		1508
5.65		2	7	4	20	38	58	88	110	149	117	130	69	44	20	3	3	1		863
5.45		1	4	5	8	16	27	37	58	65	55	33	32	10	10	2	1	1		365
5.25				1	3	3	6	8	6	14	11	9	3							64
5.05						1	3	2	1	4	2			1						14
TOTALS	5	15	49	69	191	346	534	798	1242	1544	1508	1258	918	472	289	126	34	11	3	2
																				9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.064)

FOR X ... MEAN = 12.71 S.D. = 0.76 ... REQ EQ-- X = 0.151* Y + 11.794 / S.E. = 0.76
FOR Y ... MEAN = 6.09 S.D. = 0.32 ... REQ EQ-- Y = 0.027* X + 5.748 / S.E. = 0.32



Interpupillary Distance

With subject's eyes looking straight ahead, measure distance between the centers of the pupils of the two eyes with the small sliding caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEAD LENGTH
AND
Y = HEAD BREADTH

Y \ X =	16	16	17	17	18	18	18	19	19	20	20	20	21	
= /	.15	.55	.95	.35	.75	.15	.55	.95	.35	.75	.15	.55	.95	.35 TOTALS
17.35			1	2				1	1					4
17.15					2	2	1	1	1					7
16.95			1	3	4	5	2	1		1				18
16.75		1		3	4	7	1	1						18
16.55												1		63
16.35		3	5	13	11	29	18	11	5	2	1			98
16.15			1	12	18	37	52	39	24	17	2	8	1	211
15.95				7	13	30	43	56	45	32	17	8	3	313
15.75	1	4	15	55	82	81	79	61	53	40	22	4	2	499
15.55		9	21	67	80	108	117	132	78	43	29	4		688
15.35		4	14	47	74	105	119	118	119	54	21	6	2	1 684
15.15	2	3	21	53	73	108	129	161	137	88	31	11	3	1 821
14.95		4	15	39	48	144	205	230	188	113	45	16	3	1050
14.75	1	3	12	34	72	112	223	233	211	138	52	16		1107
14.55		7	10	23	52	151	231	295	250	114	54	11	2	1200
14.35		2	4	14	38	117	190	221	189	88	33	5	2	903
14.15		1	2	21	32	106	150	210	134	62	10	2		730
13.95			1	15	19	72	121	127	72	32	12	2	1	475
13.75				9	14	44	81	57	63	11	5		2	291
13.55		1	4	2	17	28	39	24	27	9				151
13.35				3	3	5	12	7	5	2	1	1		40
13.15				1	2	5	5	7	3	2	1			26
12.95					1	2	5							10
12.75						1		1						4
12.55							1	2						3
TOTALS	4	51	157	448	719	1353	1846	1976	1594	823	339	83	18	3 9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = -0.162)

FOR X ... MEAN = 18.74 S.D. = 0.75 ... REQ EQ-- X = -0.182* Y + 21.440 / S.E. = 0.74
FOR Y ... MEAN = 14.86 S.D. = 0.67 ... REQ EQ-- Y = -0.145* X + 17.578 / S.E. = 0.66



Head Breadth

Measure, from behind subject, maximum breadth of head (usually above and behind the ears) with the spreading calliper.

.....A BIVARIATE FREQUENCY TABLE FOR

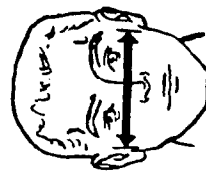
X = HEAD LENGTH
AND
Y = FACE BREADTH

Y \ X =	16	16	17	17	18	18	18	19	19	20	20	20	21	TOTALS
= /	.15	.55	.95	.35	.75	.15	.55	.95	.35	.75	.15	.55	.95	.35
14.90														1
14.60								1	1	1	3			3
14.30														5
14.00														28
13.70														97
13.40														1
13.10														267
12.80														1
12.50														595
12.20														896
11.90														1512
11.60														1643
11.30														1727
11.00														1324
10.70														712
10.40														417
10.10														133
TOTALS	4	51	157	448	719	1353	1846	1976	1594	823	339	83	18	3 9414

SUMMARY STATISTICS

FOR X ... MEAN = 18.74 S.D. = 0.75 ... REQ EQ-- X = 0.138* Y + 17.061 / S.E. = 0.75
FOR Y ... MEAN = 12.13 S.D. = 0.64 ... REQ EQ-- Y = 0.100* X + 10.255 / S.E. = 0.64

(CORRELATION COEFFICIENT = 0.117)



Face Breadth

Measure maximum breadth between the cheekbone bulges with the spreading caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

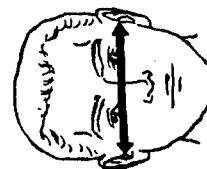
X = HEAD LENGTH
AND
Y = BITRAGON DIAMETER

Y \ X =	16	16	16	17	17	17	18	18	18	19	19	20	20	20	21	TOTALS
= /	.15	.55	.95	.35	.75	.15	.55	.95	.35	.75	.15	.55	.95	.35	.75	TOTALS
15.35						2	2	1	1							4
15.15							4	2	1	1	3	1				13
14.95				2	1	7	4	6	8	6	4	4	3			41
14.75				3	12	16	17	21	14	10	7	3				103
14.55					8	16	31	39	30	23	18	9	2			180
14.35	1	2	10	22	32	55	63	50	63	29	19	4	4	1		350
14.15	2	16	30	49	84	103	113	101	57	31	4	2				592
13.95	8	16	50	87	116	133	158	150	86	37	16	2				859
13.75	1	4	28	78	112	188	213	258	217	138	52	22	1	1	1313	
13.55	1	9	18	72	89	159	231	296	237	118	49	7	3	1	1290	
13.35	8	21	49	94	179	293	308	218	127	46	14	1			1358	
13.15	1	4	16	39	76	177	249	267	231	94	39	5	5		1203	
12.95	10	12	40	63	124	221	213	144	65	18	5	2			912	
12.75	1	4	11	32	54	84	46	39	18	5		3	1		667	
12.55	1	1	4	11	32	54	84	46	39	18	5				295	
12.35	1	3	9	14	30	37	35	22	7	2					159	
12.15			1	1	2	12	6	14	8	5	2				51	
11.95				1	1	1	1	2	2	2	1				12	
11.75															8	
11.55																
TOTALS	4	51	157	448	719	1353	1846	1976	1594	823	339	83	18	3	9414	

(CORRELATION COEFFICIENT = 0.035)

SUMMARY STATISTICS

FOR X ... MEAN = 18.74 S.D. = 0.75 ... REQ EQ-- X = 0.049* Y + 18.085 / S.E. = 0.75
FOR Y ... MEAN = 13.27 S.D. = 0.53 ... REQ EQ-- Y = 0.025* X + 12.802 / S.E. = 0.53



Bitragon Diameter

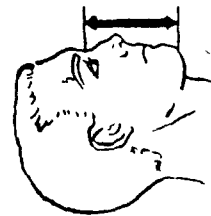
Measure distance from the cartilaginous notch (tragion) of the right ear to same point of the left ear with the spreading caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HEAD LENGTH
AND
Y = FACE LENGTH %MENTON--NASAL ROOT DEPRESSION

Y/X=	16	16	16	17	17	17	18	18	18	19	19	20	20	20	21	TOTALS
=/	.15	.55	.95	.35	.75	.15	.55	.95	.35	.75	.15	.55	.95	.35	.35	TOTALS
14.65								2	4							6
14.45										2						3
14.25								1	1	5	3				1	13
14.05									6	8	3					34
13.85								4	5	15	12	5				57
13.65			3	1	4	6	5	17	28	19	17	17	2	1		122
13.45	1	1	2	7	10	31	36	45	49	25	14	6	1		1	230
13.25	2	2	8	10	28	44	69	86	81	49	27	5	2			419
13.05		9	19	28	44	69	86	81	49	27	5	2				617
12.85	2	5	21	33	81	104	130	122	83	26	8					816
12.65	2	8	23	55	91	134	166	177	97	49	11	2			1	1127
12.45	1	4	16	42	87	160	196	242	218	109	40	9				1148
12.25	4	15	54	86	160	237	247	200	97	37	9	2				1356
12.05	1	11	22	59	99	189	279	297	220	114	52	12	1			1008
11.85	1	4	21	62	96	159	196	223	130	80	24	11	1			856
11.65	10	17	43	57	132	198	183	138	59	17	1					661
11.45	1	4	18	46	69	105	146	125	90	40	13	4				462
11.25	2	7	34	40	98	100	82	70	21	7	1					283
11.05	3	4	18	25	43	79	67	27	11	5						96
10.85	3	3	10	11	16	19	14	15	8							52
10.65	1	1	3	6	14	14	7	4	1							36
10.45	4	4	3	3	8	7	6	5								8
10.25	1	1		2	1	1	2	1								3
10.05						1	1									
TOTALS	4	51	157	448	719	1353	1846	1976	1594	823	339	83	18	3		9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.177)
 FOR X ... MEAN = 18.74 S.D. = 0.75 ... REQ EQ-- X = 0.218* Y + 16.088 / S.E. = 0.74
 FOR Y ... MEAN = 12.14 S.D. = 0.61 ... REQ EQ-- Y = 0.145* X + 9.427 / S.E. = 0.60



Face Length

Measure vertical distance between the tip of the chin and the depression between the eyes at the top of the nose with the small sliding caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

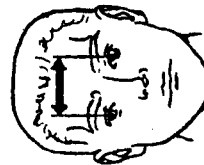
X = HEAD LENGTH
AND
Y = INTERPUPILLARY DISTANCE

Y \ X =	16	16	16	17	17	18	18	18	19	19	20	20	20	21	TOTALS
= /	.15	.55	.95	.35	.75	.15	.55	.95	.35	.75	.15	.55	.95	.35	TOTALS
7.45						1				1					2
7.25						2				1					6
7.05					3	4	17	10	18	6	8	3			69
6.85				1	1	7	18	29	33	37	24	13	6	3	172
6.65				3	12	35	50	67	95	88	69	23	12	2	456
6.45				9	38	60	136	194	260	252	139	75	24	3	1196
6.25			3	31	60	148	248	359	410	360	186	85	16	4	1912
6.05			5	31	60	148	248	359	410	360	186	85	16	4	1912
5.85	2	11	47	131	195	385	559	618	497	236	86	16	4		2787
5.65	1	15	25	114	145	249	334	311	181	97	30	5	1		1508
5.45		10	26	51	91	169	184	157	117	46	11				863
5.45	1	5	11	31	28	80	79	68	38	18	5	1			365
5.25		2	3	8	6	7	22	11	5						64
5.05			1	2	1	4	2	1	1	1	1				14
TOTALS	4	51	157	448	719	1353	1846	1976	1594	823	339	83	18	3	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.219)

FOR X ... MEAN = 18.74 S.D. = 0.75 ... REQ EQ-- X = 0.512* Y + 15.616 / S.E. = 0.73
FOR Y ... MEAN = 6.09 S.D. = 0.32 ... REQ EQ-- Y = 0.094* X + 4.330 / S.E. = 0.31



Interpupillary Distance

With subject's eyes looking straight ahead, measure distance between the centers of the pupils of the two eyes with the small sliding caliper.

.....A RIVARIATE FREQUENCY TABLE FOR

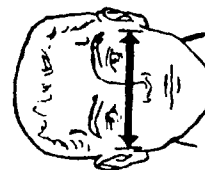
X = HEAD BREADTH
AND
Y = FACE BREADTH

Y \ X =	12 .55	12 .75	12 .95	13 .15	13 .35	13 .55	13 .75	13 .95	14 .15	14 .35	14 .55	14 .75	14 .95	15 .15	15 .35	15 .55	15 .75	16 .15	16 .35	16 .55	16 .75	16 .95	17 .15	17 .35	TOTALS	
14.90																									1	
14.60																									3	
14.30																									5	
14.00																									28	
13.70	1	1																							97	
13.40																									267	
13.10																									1595	
12.80																									896	
12.50																									1512	
12.20																									1643	
11.90																									1727	
11.60	1	2	4																						1324	
11.30		1	1	11	10	24	41	53	85	83	114	88	55	50	32	27	17	8	3	1					712	
11.00			1	3	7	17	24	48	43	62	65	50	35	21	12	10	11	1	4	2					417	
10.70				1	2	4	16	16	18	19	16	6	3	2	3	1	1	1	1	1					133	
10.40																									46	
10.10																									8	
TOTALS	3	4	10	26	40	151	291	475	730	903	1200	1107	1050	821	684	688	499	313	211	98	63	18	18	7	4	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.342)

FOR X ... MEAN = 14.86 S.D. = 0.67 ... REQ EQ-- X = 0.359* Y + 10.508 / S.E. = 0.63
FOR Y ... MEAN = 12.13 S.D. = 0.64 ... REQ EQ-- Y = 0.326* X + 7.284 / S.E. = 0.60



Face Breadth

Measure maximum breadth between the cheekbone bulges with the spreading caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

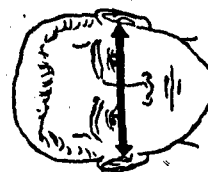
X = HEAD BREADTH
AND
Y = BITRAGON DIAMETER

Y \ X =	12	12	12	13	13	13	13	13	14	14	14	14	14	14	15	15	15	15	15	16	16	16	16	16	17	17	TOTALS
=/	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	TOTALS
15.35																											4
15.15																											4
14.95																											13
14.75																											41
14.55																											103
14.35																											180
14.15																											350
13.95																											592
13.75																											859
13.55																											1313
13.35																											1290
13.15																											1358
12.95																											1203
12.75																											912
12.55																											667
12.35																											295
12.15																											159
11.95																											51
11.75																											12
11.55																											8
TOTALS	3	4	10	26	40	151	291	475	730	903	1200	1107	1050	821	684	688	499	313	211	98	63	18	18	7	4	9414	

SUMMARY STATISTICS

FOR X ... MEAN = 14.86 S.D. = 0.67 ... REQ EQ-- X = 0.839* Y + 3.728 / S.E. = 0.50
FOR Y ... MEAN = 13.27 S.D. = 0.53 ... REQ EQ-- Y = 0.534* X + 5.334 / S.E. = 0.40

(CORRELATION COEFFICIENT = 0.669)



Bitragon Diameter

Measure distance from the cartilaginous notch (tragion) of the right ear to same point of the left ear with the spreading caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

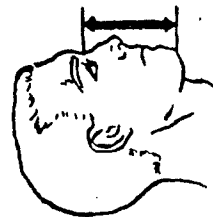
X = HEAD BREADTH
AND
Y = FACE LENGTH %MENTON-NASAL ROOT DEPRESSION

Y \ X =	12	12	13	13	13	13	13	14	14	14	14	14	14	15	15	15	15	15	15	16	16	16	16	16	17	17	TOTALS		
= /	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95	TOTALS
14.65																												1	
14.45																												6	
14.25																												3	
14.05																												13	
13.85																												34	
13.65																												57	
13.45																												122	
13.25																												250	
13.05																												419	
12.85																												617	
12.65																												816	
12.45																												1127	
12.25																												1148	
12.05																												1356	
11.85																												1008	
11.65																												856	
11.45																												661	
11.25																												462	
11.05																												283	
10.85																												96	
10.65																												52	
10.45																												36	
10.25																												8	
10.05																												3	
TOTALS	3	4	10	26	40	151	291	475	730	903	1200	1107	1050	821	684	688	499	313	211	98	63	18	18	7	4	94	14		

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.204)

FOR X ... MEAN = 14.86 S.D. = 0.67 ... REQ EQ-- X = 0.223* Y + 12.154 / S.E. = 0.66
FOR Y ... MEAN = 12.14 S.D. = 0.61 ... REQ EQ-- Y = 0.186* X + 9.379 / S.E. = 0.60



Face Length

Measure vertical distance between the tip of the chin and the depression between the eyes at the top of the nose with the small sliding caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

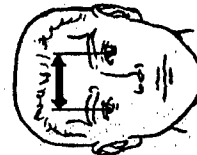
X = HEAD BREADTH
AND
Y = INTERPUPILLARY DISTANCE

Y \ X =	12	12	13	13	13	13	13	13	14	14	14	14	14	14	15	15	15	15	15	16	16	16	16	17	17	TOTALS
= /	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	TOTALS
7.45																										2
7.25																										6
7.05																										69
6.85																										172
6.65																										456
6.45																										1196
6.25																										2192
6.05																										2787
5.85																										1508
5.65																										863
5.45																										365
5.25																										64
5.05																										14
TOTALS	3	4	10	26	40	151	291	475	730	903	1200	1107	1050	821	684	688	499	313	211	98	63	18	18	7	4	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.207)

FOR X ... MEAN = 14.86 S.D. = 0.67 ... REQ EQ-- X = 0.430* Y + 12.243 / S.E. = 0.66
FOR Y ... MEAN = 6.09 S.D. = 0.32 ... REQ EQ-- Y = 0.099* X + 4.620 / S.E. = 0.32



Interpupillary Distance

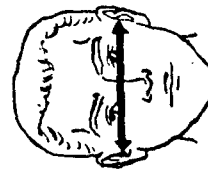
With subject's eyes looking straight ahead, measure distance between the centers of the pupils of the two eyes with the small sliding caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

X =FACE BREADTH
AND
Y =BITRAGON DIAMETER

Y \ X=	10	10	11	11	11	12	12	12	12	13	13	13	13	14	14	14	14	TOTALS
=/	.10	.40	.70	.00	.30	.60	.90	.20	.50	.80	.10	.40	.70	.00	.30	.60	.90	
15.35								1			1	3						4
15.15								1	2		3	1	2	3				4
14.95								1	7	1	5	9	10	4	2	1		13
14.75					2			1	5	10	22	26	16	10	4	1		41
14.55					1	5		8	10	36	32	33	36	11	4			103
14.35					4	5	18	36	32	71	66	77	43	12	6	1		180
14.15					6	7	16	45	71	66	77	43	12	6	1			350
13.95					1	3	28	53	89	127	107	98	54	26	4		1	592
13.75					4	21	54	114	152	208	156	107	34	5	1			859
13.55					2	24	39	111	205	262	317	190	119	35	8			1313
13.35					1	5	28	60	140	253	297	247	165	70	22			1290
13.15					2	8	37	92	245	311	327	203	84	38	5			1358
12.95					2	16	59	117	232	311	226	172	54	10	2			1203
12.75					1	6	22	83	121	210	224	147	77	12	6			912
12.55					2	11	26	89	132	162	154	50	27	6	2			667
12.35					3	7	25	38	68	77	56	16	5					295
12.15					8	15	37	35	42	16	3	2						159
11.95					3	8	15	10	9	3								51
11.75					2	4	1	5			1							12
11.55					2	1	1	3										8
TOTALS	8	46	133	417	712	1324	1727	1643	1512	896	595	267	97	28	5	3	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.608)
 FOR X ... MEAN = 12.13 S.D. = 0.64 ... REQ EQ-- X = 0.727* Y + 2.481 / S.E. = 0.51
 FOR Y ... MEAN = 13.27 S.D. = 0.53 ... REQ EQ-- Y = 0.508* X + 7.109 / S.E. = 0.42



Bitragon Diameter

Measure distance from the cartilaginous notch (tragon) of the right ear to same point of the left ear with the spreading caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

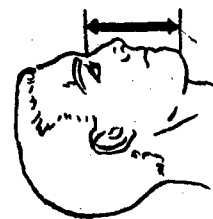
X =FACE BREADTH
AND
Y =FACE LENGTH %MENTON--NASAL ROOT DEPRESSION

Y/X=	10	10	10	11	11	11	11	11	12	12	12	12	12	13	13	13	13	14	14	14	14	14	TOTALS
=/	.10	.40	.70	.00	.30	.60	.90	.20	.50	.80	.10	.40	.70	.00	.30	.60	.90						
14.65									1	1								1					6
14.45																							3
14.25									1	2	2	1	4	2									13
14.05									2	3	5	8	4	3									34
13.85									1	1	3	5	14	7									57
13.65									3	5	9	16	20	29	16	12	8	2	2				122
13.45									1	7	15	31	38	59	32	19	11	4	2				230
13.25									1	10	22	48	63	76	75	60	38	19	5	1			419
13.05									1	6	15	34	67	91	106	120	82	56	23	12	1	2	617
12.85									3	5	18	57	95	138	141	156	84	71	22	17	6	1	816
12.65									5	15	51	67	142	230	213	180	103	70	39	9	3		1127
12.45									3	5	40	64	156	214	216	201	116	76	36	10	1	1	1148
12.25									1	10	19	70	91	177	249	248	210	145	71	46	14	3	1356
12.05									2	16	51	93	163	209	178	131	78	48	24	10	3	1	1008
11.85									1	4	20	38	83	139	158	152	118	79	47	13	2	2	856
11.65									7	11	42	70	120	133	98	98	35	30	10	6			661
11.45									5	11	34	55	86	92	75	47	30	23	4				462
11.25									1	10	14	29	65	55	43	39	13	9	4	1			283
11.05									1	6	9	13	15	17	11	17	1	4	1				96
10.85									2	5	9	11	11	5	6	2	1						52
10.65																							36
10.45																							8
10.25																							3
10.05																							
TOTALS	8	46	133	417	712	1324	1727	1643	1512	896	595	267	97	28	5	3	1	9414					

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.215)

FOR X ... MEAN = 12.13 S.D. = 0.64 ... REQ EQ-- X = 0.224* Y + 9.409 / S.E. = 0.62
FOR Y ... MEAN = 12.14 S.D. = 0.61 ... REQ EQ-- Y = 0.206* X + 9.645 / S.E. = 0.60



Face Length

Measure vertical distance between the tip of the chin and the depression between the eyes at the top of the nose with the small sliding caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

X =FACE BREADTH
AND
Y =INTERPUPILLARY DISTANCE

Y/X=	10	10	10	11	11	11	11	11	12	12	12	12	12	13	13	13	14	14	14	TOTALS
=/	.10	.40	.70	.00	.30	.60	.90	.20	.50	.80	.10	.40	.70	.00	.30	.60	.90			
7.45																				2
7.25																				6
7.05																				69
6.85																				172
6.65																				456
6.45																				1196
6.25																				1912
6.05																				1508
5.85																				863
5.65																				365
5.45																				64
5.25																				14
5.05																				
TOTALS	8	46	133	417	712	1324	1727	1643	1512	896	595	267	97	28	5	3	1			9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.368)

FOR X ... MEAN = 12.13 S.D. = 0.64 ... REQ EQ-- X = 0.730* Y + 7.682 / S.E. = 0.60
FOR Y ... MEAN = 6.09 S.D. = 0.32 ... REQ EQ-- Y = 0.185* X + 3.847 / S.E. = 0.30



Interpupillary Distance

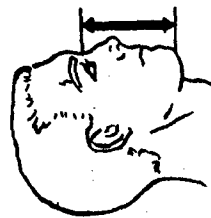
With subject's eyes looking straight ahead, measure distance between the centers of the pupils of the two eyes with the small sliding caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

X =BITRAGON DIAMETER
AND
Y =FACE LENGTH 3MENTON-NASAL ROOT DEPRESSION

Y \ X =	11	11	11	12	12	12	12	12	12	13	13	13	13	13	13	13	13	14	14	14	14	14	14	15	15	TOTALS
=/	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	TOTALS
14.65																										1
14.45																										6
14.25																										3
14.05																										13
13.85																										34
13.65																										57
13.45																										122
13.25																										230
13.05																										419
12.85																										617
12.65																										816
12.45																										1127
12.25																										1148
12.05																										1356
11.85																										1008
11.65																										856
11.45																										661
11.25																										462
11.05																										283
10.85																										96
10.65																										52
10.45																										36
10.25																										8
10.05																										3

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.241)
FOR X ... MEAN = 13.27 S.D. = 0.53 ... REQ EQ-- X = 0.210* Y + 10.720 / S.E. = 0.52
FOR Y ... MEAN = 12.14 S.D. = 0.61 ... REQ EQ-- Y = 0.276* X + 8.481 / S.E. = 0.60



Face Length

Measure vertical distance between the tip of the chin and the depression between the eyes at the top of the nose with the small sliding caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

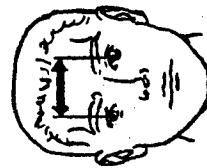
X =FACE LENGTH 3MENTON-NASAL ROOT DEPRESSIOND
AND
Y =INTERPUPILLARY DISTANCE

Y \ X =	10	10	10	10	11	11	11	11	11	12	12	12	12	12	12	13	13	13	13	13	14	14	14	14	TOTALS
=/	.05	.25	.45	.65	.85	.05	.25	.45	.65	.85	.05	.25	.45	.65	.85	.05	.25	.45	.65	.85	.05	.25	.45	.65	TOTALS
7.45																									2
7.25																									6
7.05																									69
6.85																									172
6.65																									456
6.45																									1196
6.25																									1912
6.05																									2787
5.85																									1508
5.65																									863
5.45																									365
5.25																									64
5.05																									14
TOTALS	3	8	36	52	96	283	462	661	856	1008	1356	1148	1127	816	617	419	230	122	57	34	13	3	6	1	9414

SUMMARY STATISTICS

FOR X ... MEAN = 12.14 S.D. = 0.61 ... REQ EQ-- X = 0.425* Y + 9.555 / S.E. = 0.60
FOR Y ... MEAN = 6.09 S.D. = 0.32 ... REQ EQ-- Y = 0.117* X + 4.670 / S.E. = 0.31

(CORRELATION COEFFICIENT = 0.223)



Interpupillary Distance

With subject's eyes looking straight ahead, measure distance between the centers of the pupils of the two eyes with the small sliding caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

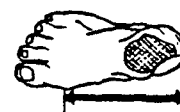
X = FOOT LENGTH
AND
Y = INSTEP LENGTH

Y \ X =	21	22	23	24	25	26	27	28	29	30	31	TOTALS									
= /	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20									
23.00												1									
22.50												0									
22.00												1									
21.50												1									
21.00												1									
20.50												1									
20.00												1									
19.50												1									
19.00												1									
18.50												1									
18.00												1									
17.50												1									
17.00												1									
16.50												1									
16.00												1									
15.50												1									
15.00												1									
14.50												1									
14.00												1									
13.50												1									
13.00												1									
12.50												1									
12.00												1									
11.50												1									
TOTALS	1	1	7	44	108	288	463	733	932	1051	883	696	456	228	101	51	30	4	1	2	6080

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.715)

FOR X ... MEAN = 26.01 S.D. = 1.20 ... REQ EQ-- X = 0.756* Y + 12.809 / S.E. = 0.84
FOR Y ... MEAN = 17.46 S.D. = 1.14 ... REQ EQ-- Y = 0.676* X - 0.123 / S.E. = 0.80



69. Instep Length

Subject's right foot is in same position in foot box as for No. 68. Measure distance from back of heel to widest part of foot (ball of foot).

.....A BIVARIATE FREQUENCY TABLE FOR

X = FOOT LENGTH
AND
Y = FOOT BREADTH

Y \ X =	21	22	23	24	25	26	27	28	29	30	31	32	TOTALS
= /	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	15
12.45					1	3	1	3	1				1
12.25					1								1
12.05													1
11.85				2	4	7	10	20	13	16	19	7	115
11.65							2						4
11.45				8	20	37	58	61	78	76	50	44	482
11.25				1		1	2	1	1	3	1		10
11.05	1		4	12	28	67	118	199	256	265	240	169	1550
10.85							1	1	1	1			6
10.65					2	3	2	2	9	4	4	2	29
10.45					1	1	1	1	1	1	1		2703
10.25					1	2	1	4	1	9	3	2	25
10.05					6	14	48	144	242	362	510	466	2694
9.85													0
9.65													17
9.45	1												1316
9.25													6
9.05													381
8.85													0
8.65													0
8.45													52
8.25													0
8.05													7
TOTALS	1	3	20	68	179	434	740	1105	1496	1598	1398	1076	9414

(CORRELATION COEFFICIENT = 0.328)

SUMMARY STATISTICS

FOR X ... MEAN = 25.98 S.D. = 1.20 ... REQ EQ-- X = 0.609* Y + 19.713 / S.E. = 1.14
FOR Y ... MEAN = 10.30 S.D. = 0.65 ... REQ EQ-- Y = 0.176* X + 5.725 / S.E. = 0.61



70. Foot Breadth

Subject's right foot is in same position in foot box as for No. 68 and No. 69. Measure maximum breadth of foot at ball of foot.

.....A BIVARIATE FREQUENCY TABLE FOR

X = FOOT LENGTH
AND
Y = HEEL BREADTH

Y / X =	21	22	23	24	25	26	27	28	29	30	31	32	TOTALS
= /	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.20
8.55										1			1
8.35													1
8.15											1		13
7.95													53
7.75													54
7.55													231
7.35													390
7.15													1047
6.95													2441
6.75													1501
6.55													2148
6.35													767
6.15													518
5.95													229
5.75													13
5.55													6
TOTALS	1	3	20	68	179	434	739	1051	1496	1598	1076	678	325
													164
													79
													40
													6
													1
													2
													0
													1
													9413

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.457)

FOR X ... MEAN = 25.98 S.D. = 1.20 ... REQ EQ-- X = 1.492* Y + 15.852 / S.E. = 1.07
FOR Y ... MEAN = 6.79 S.D. = 0.37 ... REQ EQ-- Y = 0.140* X + 3.154 / S.E. = 0.33



71. Heel Breadth

Subject stands on flat surface.
Measure maximum breadth of right
heel behind and below the pro-
jections of the ankle bones with
the small sliding caliper.

.....A BIVARIATE FREQUENCY TABLE FOR

X = FOOT LENGTH
AND
Y = BALL-OF-FOOT CIRCUMFERENCE

Y \ X	21	22	23	24	25	26	27	28	29	30	31	32	TOTALS
= /	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.20
31.10							1						1
30.60						1							0
30.10							2				1		16
29.60					3	2							5
29.10							3						124
28.60				4	14	50	53	111	101	84	35	18	33
28.10				1	2	3	10	19	9	18	22	11	600
27.60				1	9	38	93	178	259	291	322	201	105
27.10			1										1583
26.60				3	5	11	27	42	49	31	22	12	212
26.10			1	20	54	133	258	450	548	341	204	78	2580
25.60				2	8	17	28	58	45	39	23	14	243
25.10				3	17	52	145	284	398	474	437	320	2373
24.60				3	10	10	17	26	24	27	18	4	140
24.10				2	6	19	56	140	177	214	175	131	1042
23.60	1			1	3	7	7	8	3	5	3	2	40
23.10		1			7	18	28	42	47	43	42	21	263
22.60			4	6	5	10	7	4	1	2	2	1	38
22.10													0
21.60													3
21.10				1	1								
TOTALS	1	3	20	68	179	433	740	1051	1496	1598	1398	1076	9413

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.549)

FOR X ... MEAN = 25.98 S.D. = 1.20 ... REQ EQ ... -X = 0.511* Y + 12.816 / S.E. = 1.00
 FOR Y ... MEAN = 25.77 S.D. = 1.29 ... REQ EQ ... Y = 0.590* X + 10.439 / S.E. = 1.08
 F80B1-OPR TR CNCL
 IA581 CUU RW RR RN PW PR PN
 IA591 OC1 0 1 0 0 0 0



72. Ball-of-Foot Circumference

Subject stands on flat surface.
Measure maximum circumference of
right foot at ball of foot with
tape.

.....A BIVARIATE FREQUENCY TABLE FOR

X = FOOT LENGTH
AND
Y = HEEL-ANKLE DIAGONAL

Y \ X =	21	22	23	24	25	26	27	28	29	30	31	32	TOTALS
= /	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	TOTALS
39.45							1	7	6	9	12	3	2
38.45					4	9	15	22	47	56	41	21	1
37.45				4	17	44	100	156	160	103	64	27	1
36.45				5	22	77	204	447	368	389	250	115	1
35.45			1	3	15	52	140	255	368	389	250	115	1
34.45			5	22	77	204	447	632	534	361	164	35	2
33.45			3	24	124	257	446	615	487	326	125	40	1
32.45			2	19	56	169	264	311	228	155	50	16	1
31.45			1	7	27	68	91	111	76	34	11	4	1
30.45	1	1	8	12	23	19	16	12	11	5			
29.45		1	3	7	1	5							
28.45													
27.45													
26.45													
TOTALS	1	3	20	68	179	434	740	1051	1496	1598	1398	1076	678
													325
													164
													79
													40
													6
													1
													2
													0
													1
													9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.715)

FOR X ... MEAN = 25.98 S.D. = 1.20 ... REQ EQ-- X = 0.586* Y + 6.216 / S.E. = 0.84
FOR Y ... MEAN = 33.73 S.D. = 1.47 ... REQ EQ-- Y = 0.873* X + 11.050 / S.E. = 1.03

73. Heel-Ankle Diagonal

Subject stands on flat surface.
With tape, measure the diagonal
circumference around the right
ankle, around rear tip of the
heel, and over instep where foot
joins the leg.



.....A BIVARIATE FREQUENCY TABLE FOR

X = FOOT LENGTH
AND
Y = INSTEP CIRCUMFERENCE

Y \ X =	21	22	23	24	25	26	27	28	29	30	31	32	TOTALS
70 .20 .70 .20 .70 .20 .70 .20 .70 .20 .70 .20 .70 .20	1	2	2	2	2	2	2	2	2	2	2	2	2
34.00													2
33.50													2
33.00													7
32.50													2
32.00													47
31.50													3
31.00													107
30.50													3
30.00													331
29.50													58
29.00													824
28.50													115
28.00													1615
27.50													212
27.00													2155
26.50													212
26.00													2014
25.50													215
25.00													1048
24.50													53
24.00													323
23.50													11
23.00													49
22.50													3
22.00													3
TOTALS	1	3	20	68	179	434	740	1051	1496	1598	1398	1076	9414

SUMMARY STATISTICS

FOR X ... MEAN = 25.98 S.D. = 1.20 ... REQ EQ-- X = 0.274* Y + 18.599 / S.E. = 1.12
FOR Y ... MEAN = 26.95 S.D. = 1.56 ... REQ EQ-- Y = 0.464* X + 14.898 / S.E. = 1.46

(CORRELATION COEFFICIENT = 0.357)

74. Instep Circumference

Subject stands on flat surface.
With tape, measure the circumference over the instep of the right foot, where the foot joins the leg, and under the arch.



.....A BIVARIATE FREQUENCY TABLE FOR

X = FOOT BREADTH
AND
Y = HEEL BREADTH

Y / X =	8 .05	8 .25	8 .45	8 .65	8 .85	9 .05	9 .25	9 .45	9 .65	9 .85	10 .05	10 .25	10 .45	10 .65	10 .85	11 .05	11 .25	11 .45	11 .65	11 .85	12 .05	12 .25	12 .45	TOTALS
8.55																								1
8.35																								1
8.15																								13
7.95																								53
7.75																								54
7.55																								231
7.35																								390
7.15																								1047
6.95																								2441
6.75																								1501
6.55																								2148
6.35																								767
6.15																								514
5.95																								229
5.75																								13
5.55																								6
TOTALS	7	0	52	0	0	381	61316	17	02693	252703	29	61550	10482	4	1115	1	15	9413						

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.348)

FOR X ... MEAN = 10.30 S.D. = 0.65 ... REQ EQ-- X = 0.611* Y + 6.148 / S.E. = 0.61
FOR Y ... MEAN = 6.79 S.D. = 0.37 ... REQ EQ-- Y = 0.198* X + 4.753 / S.E. = 0.35



71. Heel Breadth

Subject stands on flat surface.
Measure maximum breadth of right
heel behind and below the pro-
jections of the ankle bones with
the small sliding caliper.

.....A RIVARIATE FREQUENCY TABLE FOR

X =FOOT BREADTH
AND
Y =BALL-OF-FOOT CIRCUMFERENCE

Y \ X =	8 .05	8 .25	8 .45	8 .65	8 .85	9 .05	9 .25	9 .45	9 .65	9 .85	10 .05	10 .25	10 .45	10 .65	10 .85	11 .05	11 .25	11 .45	11 .65	11 .85	12 .05	12 .25	12 .45	TOTALS
=/																								
31.10																								4
30.60																								0
30.10																								16
29.60																								5
29.10																								124
28.60																								33
28.10																								600
27.60																								2
27.10																								105
26.60																								1583
26.10																								212
25.60																								2580
25.10																								243
24.60																								2373
24.10																								140
23.60																								1042
23.10																								40
22.60																								263
22.10																								9
21.60																								38
21.10																								0
TOTALS	7	0	52	0	0	380	61316	17	02694	252703	29	61550	10	482	4	1	115	1	15	9413				

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.657)

FOR X ... MEAN = 10.30 S.D. = 0.65 ... REQ EQ-- X = 0.329* Y + 1.820 / S.E. = 0.49
FOR Y ... MEAN = 25.77 S.D. = 1.29 ... REQ EQ-- Y = 1.311* X + 12.270 / S.E. = 0.97



72. Ball-of-Foot Circumference

Subject stands on flat surface.
Measure maximum circumference of
right foot at ball of foot with
tape.

.....A BIVARIATE FREQUENCY TABLE FOR

X = FOOT BREADTH
AND
Y = HEEL-ANKLE DIAGONAL

Y \ X =	8	8	8	8	8	9	9	9	9	9	10	10	10	10	10	10	11	11	11	11	11	12	12	12	TOTALS	
= /	.05	.25	.45	.65	.85	.05	.25	.45	.65	.85	.05	.25	.45	.65	.85	.05	.25	.45	.65	.85	.05	.25	.45	.65	.85	TOTALS
39.45																1	21	18				6			55	
38.45												9	57	1			72	63				19	2		234	
37.45													1	233	2		218	1				19			5	
36.45													3	584	5		439	2	129	1	1	34			3	
35.45																									1643	
34.45													6	835	8		427	4	112	1		24	1		3	
33.45														6	673	11	2	281	3	60					2	
32.45													5	243	2		75	15	1						2455	
31.45													2	59				2							1281	
30.45													2	9		1	11								431	
29.45													1				5	1							108	
28.45														1											17	
27.45																									1	
26.45																									0	
TOTALS	7	0	52	0	0	381	61316	17	02694	252703	29	61550	10	462	4	1	115	1	15	9414						

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.478)

FOR X ... MEAN = 10.30 S.D. = 0.65 ... REQ EQ-- X = 0.211* Y + 3.180 / S.E. = 0.57
FOR Y ... MEAN = 33.73 S.D. = 1.47 ... REQ EQ-- Y = 1.084* X + 22.571 / S.E. = 1.29

73. Heel-Ankle Diagonal

Subject stands on flat surface.
With tape, measure the diagonal
circumference around the right
ankle, around rear tip of the
heel, and over instep where foot
joins the leg.



.....A BIVARIATE FREQUENCY TABLE FOR

X = FOOT BREADTH
AND
Y = INSTEP CIRCUMFERENCE

Y \ X =	8 .05	8 .25	8 .45	8 .65	8 .85	9 .05	9 .25	9 .45	9 .65	9 .85	10 .05	10 .25	10 .45	10 .65	10 .85	11 .05	11 .25	11 .45	11 .65	11 .85	12 .05	12 .25	12 .45	TOTALS
34.00																								2
33.50																								7
33.00																								2
32.50																								47
32.00																								3
31.50																								107
31.00																								3
30.50																								331
30.00																								58
29.50																								824
29.00																								115
28.50																								1615
28.00																								212
27.50																								2155
27.00																								212
26.50																								2014
26.00																								215
25.50																								1048
25.00																								53
24.50																								323
24.00																								11
23.50																								49
23.00																								3
22.50																								3
22.00																								3
TOTALS	7	0	52	0	0	381	61316	17	02694	252703	29	61550	10	482	4	1	115	1	15	9414				

(CORRELATION COEFFICIENT = 0.435)

SUMMARY STATISTICS

FOR X ... MEAN = 10.30 S.D. = 0.65 ... REQ EQ-- X = $0.180 * Y + 5.446 / S.E. = 0.58$
FOR Y ... MEAN = 26.95 S.D. = 1.56 ... REQ EQ-- Y = $1.051 * X + 16.131 / S.E. = 1.41$

74. Instep Circumference

Subject stands on flat surface.
With tape, measure the circumference over the instep of the right foot, where the foot joins the leg, and under the arch.



.....A BIVARIATE FREQUENCY TABLE FOR

X =HEEL BREADTH
AND
Y =BALL-OF-FOOT CIRCUMFERENCE

Y \ X=	5	5	5	5	5	6	6	6	6	6	7	7	7	7	7	7	8	8	8	TOTALS		
=/	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	TOTALS
31.10																						4
30.60																						0
30.10																						16
29.60																						5
29.10																						124
28.60																						33
28.10																						600
27.60																						105
27.10																						1583
26.60																						211
26.10																						2580
25.60																						243
25.10																						2373
24.60																						140
24.10																						1042
23.60																						40
23.10																						263
22.60																						9
22.10																						38
21.60																						0
21.10																						3
TOTALS	6	13	229	518	7672	147150	1244110	47390	23154	5313	1	1	9412									

(CORRELATION COEFFICIENT = 0.479)

SUMMARY STATISTICS

FOR X ... MEAN = 6.79 S.D. = 0.37 ... REQ EQ-- X = 0.137* Y + 3.261 / S.E. = 0.32
FOR Y ... MEAN = 25.77 S.D. = 1.29 ... REQ EQ-- Y = 1.678* X + 14.374 / S.E. = 1.13



72. Ball-of-Foot Circumference

Subject stands on flat surface.
Measure maximum circumference of
right foot at ball of foot with
tape.

.....A BIVARIATE FREQUENCY TABLE FOR

X =HEEL BREADTH
AND
Y =HEEL-ANKLE DIAGONAL

Y \ X =	5	5	6	6	6	6	6	7	7	7	7	7	7	7	7	7	8	8	8	8	TOTALS	
=/	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	TOTALS
39.45																						5
38.45																						55
37.45																						234
36.45																						682
35.45																						1643
34.45																						2500
33.45																						2455
32.45																						1281
31.45																						431
30.45																						108
29.45																						17
28.45																						1
27.45																						0
26.45																						1
TOTALS	6	13	229	518	7672	148150	1244110	47	390	231	54	53	13	1	1	9413						

SUMMARY STATISTICS
FOR X ... MEAN = 6.79 S.D. = 0.37 ... REQ EQ-- X = 0.157# Y + 1.495 / S.E. = 0.29
FOR Y ... MEAN = 33.73 S.D. = 1.47 ... REQ EQ-- Y = 2.493# X + 16.803 / S.E. = 1.14
(CORRELATION COEFFICIENT = 0.626)

73. Heel-Ankle Diagonal

Subject stands on flat surface.
With tape, measure the diagonal
circumference around the right
ankle, around rear tip of the
heel, and over instep where foot
joins the leg.



X =HEEL BREADTH
AND
Y =INSTEP CIRCUMFERENCE

[illegible]

CORRELATION COEFFICIENT = 0.470)

FOR X ...	MEAN =	6.79	S.D. =	0.37	...	REQ EQ--	X =	0.111* Y +	3.800 /	S.E. =	0.32
FOR Y ...	MEAN =	26.95	S.D. =	1.56	...	REQ EQ--	Y =	1.997* X +	13.392 /	S.E. =	1.38

Subject stands on flat surface. With tape, measure the circumference over the instep of the right foot, where the foot joins the leg, and under the arch.



.....A BIVARIATE FREQUENCY TABLE FOR

X =BALL-OF-FOOT CIRCUMFERENCE
AND
Y =HEEL-ANKLE DIAGONAL

Y \ X =	21 10	21 .60	22 .10	22 .60	23 .10	23 .60	24 .10	24 .60	25 .10	25 .60	26 .10	26 .60	27 .10	27 .60	28 .10	28 .60	29 .10	29 .60	30 .10	30 .60	31 .10	TOTALS
39.45																						5
38.45																						55
37.45																						234
36.45																						682
35.45																						1643
34.45																						2501
33.45																						2455
32.45																						1280
31.45																						431
30.45																						108
29.45																						17
28.45																						1
27.45																						0
26.45																						1
TOTALS	3	0	38	9	263	401042	1402373	2432580	2121583	105	600	33	124	5	16	0	4	9413				

SUMMARY STATISTICS

FOR X ... MEAN = 25.77 S.D. = 1.29 ... REQ EQ-- X = 0.593* Y + 5.766 / S.E. = 0.95
FOR Y ... MEAN = 33.73 S.D. = 1.47 ... REQ EQ-- Y = 0.765* X + 14.020 / S.E. = 1.08

(CORRELATION COEFFICIENT = 0.673)

73. Heel-Ankle Diagonal

Subject stands on flat surface.
With tape, measure the diagonal
circumference around the right
ankle, around rear tip of the
heel, and over instep where foot
joins the leg.



.....A BIVARIATE FREQUENCY TABLE

X = BALL-OF-FOOT CIRCUMFERENCE
AND
Y = INSTEP CIRCUMFERENCE

Y \ X	21	21	22	22	23	23	24	24	25	25	26	26	27	27	28	28	29	29	30	30	31	TOTALS
z/	.10	.60	.10	.60	.10	.60	.10	.60	.10	.60	.10	.60	.10	.60	.10	.60	.10	.60	.10	.60	.10	TOTALS
34.00													1									2
33.50													1									2
33.00													1									2
32.50																						2
32.00																						46
31.50																						3
31.00																						107
30.50																						3
30.00																						331
29.50																						58
29.00																						824
28.50																						115
28.00																						1615
27.50																						212
27.00																						2155
26.50																						212
26.00																						2014
25.50																						215
25.00																						1048
24.50																						53
24.00																						323
23.50																						11
23.00																						49
22.50																						5
22.00																						5
TOTALS	3	0	38	9	263	401042	1402373	2432580	2121583	105	600	33	124	5	16	0	4	9413				

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.486)

FOR X ... MEAN = 25.77 S.D. = 1.29 ... REQ EQ-- X = 0.402* Y + 14.935 / S.E. = 1.13
FOR Y ... MEAN = 26.95 S.D. = 1.56 ... REQ EQ-- Y = 0.589* X + 11.775 / S.E. = 1.37

74. Instep Circumference

Subject stands on flat surface.
With tape, measure the circumference over the instep of the right foot, where the foot joins the leg, and under the arch.



.....A BIVARIATE FREQUENCY TABLE FOR

X =HEEL-ANKLE DIAGONAL
AND
Y =INSTEP CIRCUMFERENCE

Y \ X=	26	27	28	29	30	31	32	33	34	35	36	37	38	39	TOTALS
=/	.45	.45	.45	.45	.45	.45	.45	.45	.45	.45	.45	.45	.45	.45	
34.00															2
33.50												1	1	1	2
33.00											2	2	3		7
32.50															2
32.00															47
31.50															3
31.00															107
30.50															3
30.00															331
29.50															58
29.00															824
28.50															115
28.00															1615
27.50															212
27.00															2155
26.50															212
26.00															2014
25.50															215
25.00															1048
24.50															53
24.00															323
23.50															11
23.00															49
22.50															3
22.00															3
TOTALS	1	0	1	17	108	431	1281	2455	2501	1643	682	234	55	5	9414

(CORRELATION COEFFICIENT = 0.599)

SUMMARY STATISTICS

FOR X ... MEAN = 33.73 S.D. = 1.47 ... REQ EQ-- X = 0.562* Y + 18.586 / S.E. = 1.17
FOR Y ... MEAN = 26.95 S.D. = 1.56 ... REQ EQ-- Y = 0.639* X + 5.398 / S.E. = 1.25

74. Instep Circumference

Subject stands on flat surface.
With tape, measure the circumference over the instep of the right foot, where the foot joins the leg, and under the arch.



.....A BIVARIATE FREQUENCY TABLE FOR

X =FOOT LENGTH
AND
Y =VARIABLE NUMMER 8

Y / X=	21	22	23	24	25	26	27	28	29	30	31	32	TOTALS
=/	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	
42.25					1	1	4	1			1		9
41.25								8					16
40.25				1	4	1	5	7	3	2			29
39.25			1	1	8	13	19	15	17	12	3		105
38.25		1	1	2	9	35	47	51	35	36	1		266
37.25			3	9	12	65	95	107	74	43		1	540
36.25			6	12	29	82	142	191	190	163	59		1064
35.25	1	2	4	10	36	59	118	194	266	241	194	127	1361
34.25		2	6	18	58	134	217	276	313	264	212	143	1737
33.25		1	13	24	79	146	221	311	292	218	161	75	1581
32.25		4	15	38	82	160	192	249	199	186	88	52	1288
31.25		2	10	41	69	107	124	146	153	97	46	14	813
30.25	1	5	9	14	52	50	73	67	43	31	24	6	380
29.25	1	2	7	17	23	27	30	19	18	7	3	1	156
28.25		1	2	4	8	5	9	4	7	3	1		44
27.25		1	1	1	3	2	3		1	1			12
26.25		1		1					1				4
25.25													1
TOTALS	1	3	20	68	179	434	740	1105	1496	1598	1076	678	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.420)

FOR X ... MEAN = 25.98 S.D. = 1.20 ... REQ EQ-- X = 0.231* Y + 18.121 / S.E. = 1.09
FOR Y ... MEAN = 34.04 S.D. = 2.19 ... REQ EU-- Y = 0.766* X + 14.140 / S.E. = 1.99



13. Calf Height

Subject stands erect. Measure vertical distance from floor to point of maximum calf circumference on right leg.

.....A BIVARIATE FREQUENCY TABLE FOR

X = FOOT LENGTH
AND
Y = CALF CIRCUMFERENCE

Y \ X =	21	22	23	24	25	26	27	28	29	30	31	32	TOTALS
= /	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	.70	.20	
44.25						1	1						3
43.25						3	1						4
42.25					1	1	4	1		1			18
41.25					2	2	3	2			1		18
40.25				1	5	9	13	6					71
39.25				1	4	7	14	11					112
38.25				1	1	14	31	12					241
37.25	1		2	4	27	49	39	36	1				480
36.25		2	4	17	30	72	83	73	10				781
35.25	1	4	10	15	60	92	125	149	6				1244
34.25		7	16	75	124	204	270	286	21		1		1712
33.25	1	9	26	82	135	195	290	314	58				1640
32.25		13	38	95	141	200	269	239	129	1			1441
31.25	1	8	14	34	61	125	163	155	115				945
30.25		3	5	7	35	81	74	60	27				511
29.25			2	10	11	20	28	17	9				150
28.25			2	2	5	6	5	4	3				29
27.25			2	4	1	1	3	1					12
26.25				1									2
TOTALS	1	3	20	68	179	434	740	1105	1496	1598	1076	678	9414

(CORRELATION COEFFICIENT = 0.338)

SUMMARY STATISTICS

FOR X ... MEAN = 25.98 S.D. = 1.20 ... REQ EQ-- X = 0.180* Y + 19.907 / S.E. = 1.13
FOR Y ... MEAN = 33.77 S.D. = 2.26 ... REQ EQ-- Y = 0.637* X + 17.213 / S.E. = 2.13



59. Calf

Measure on right leg at point of
greatest calf circumference.

X =HAND LENGTH
AND
Y =HAND BREADTH

Y/X=	15 .50	15 .80	16 .10	16 .40	16 .70	17 .00	17 .30	17 .60	17 .90	18 .20	18 .50	18 .80	19 .10	19 .40	19 .70	20 .00	20 .30	20 .60	20 .90	21 .20	21 .50	21 .80	22 .10	22 .40	TOTALS
10.95																									1
10.75																									0
10.55																									0
10.35																									2
10.15																									5
9.95																									40
9.75																									98
9.55																									248
9.35																									593
9.15																									993
8.95																									1868
8.75																									1485
8.55																									1701
8.35																									1252
8.15																									657
7.95																									331
7.75																									109
7.55																									21
7.35																									7
7.15																									2
6.95																									1
TOTALS	1	4	14	22	81	191	392	550	979	1196	1266	1230	1125	889	540	504	241	84	67	16	16	3	2	1	9414

(CORRELATION COEFFICIENT = 0.569)

FDR	X	...	MEAN	=	18.68	S.D.	=	0.86	...	REQ	EQ--	X	=	1.172*	Y	+	8.445	/	S.E.	=	0.71
FDR	Y	...	MEAN	=	8.73	S.D.	=	0.42	...	REQ	EQ--	Y	=	0.276*	X	+	3.577	/	S.E.	=	0.34



With right hand in same position as for No. 19 and No. 20, measure maximum breadth across base of fingers.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HAND LENGTH
AND
Y = WRIST CIRCUMFERENCE

Y/X=	15	15	16	16	17	17	17	17	17	18	18	18	18	19	19	19	20	20	20	20	21	21	21	22	22	TOTALS
=/	.50	.80	.10	.40	.70	.00	.30	.60	.90	.20	.50	.80	.10	.40	.70	.00	.30	.60	.90	.20	.50	.80	.10	.40	TOTALS	
20.40																									1	
20.10										1	1	1	1	1	3	2		2	1						11	
19.80											1	1	1	1	1	2	1	1	1		1				0	
19.50											1	1	1	4	1	1	1	1	2						14	
19.20											1	1	1	1	1	1	1	1	2						12	
18.90											1	1	1	1	1	1	1	1	3	2		4	1		145	
18.60											1	1	1	1	1	1	1	1	6	1					131	
18.30											1	1	1	1	1	1	1	1	2	2		2	1		79	
18.00											1	1	1	1	1	1	1	1	2	2		4	1		864	
17.70											1	1	1	1	1	1	1	1	3	1					172	
17.40											1	1	1	1	1	1	1	1	9	2					652	
17.10											1	1	1	1	1	1	1	1	16	4					2231	
16.80											1	1	1	1	1	1	1	1	3	4					376	
16.50											1	1	1	1	1	1	1	1	4						1214	
16.20											1	1	1	1	1	1	1	1	1	1					451	
15.90											1	1	1	1	1	1	1	1	2						1769	
15.60											1	1	1	1	1	1	1	1	3						547	
15.30											1	1	1	1	1	1	1	1	2						223	
15.00											1	1	1	1	1	1	1	1	1						380	
14.70											1	1	1	1	1	1	1	1	1						38	
14.40											1	1	1	1	1	1	1	1	1						59	
14.10											1	1	1	1	1	1	1	1	1						37	
13.80											1	1	1	1	1	1	1	1	1						0	
13.50											1	1	1	1	1	1	1	1	1						4	
TOTALS	1	4	14	22	81	191	392	550	979	1196	1266	1230	1125	889	540	504	241	84	67	16	16	3	2	1	9414	

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.403)

FOR X ... MEAN = 18.68 S.D. = 0.86 ... REQ EQ-- X = 0.374* Y + 12.446 / S.E. = 0.79
FOR Y ... MEAN = 16.67 S.D. = 0.93 ... REQ EQ-- Y = 0.434* X + 8.562 / S.E. = 0.85



Wrist

Measure circumference of right wrist above protrusion of the wristbone.

.....A BIVARIATE FREQUENCY TABLE FOR

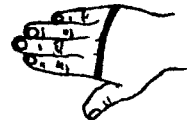
X = HAND LENGTH
AND
Y = HAND CIRCUMFERENCE

Y/X =	15	15	16	16	17	17	17	17	17	18	18	18	18	19	19	19	20	20	20	20	21	21	21	21	22	22	TOTALS									
=/	.50	.80	.10	.40	.70	.00	.30	.60	.90	.20	.50	.80	.10	.40	.70	.00	.30	.60	.90	.20	.50	.80	.10	.40	.70	.00	.30	.60	.90	.20	.50	.80	.10	.40	TOTALS	
25.95															1	2	1	1																	1	0
25.55																																				5
25.15																																				0
24.75																																				13
24.35																																				82
23.95																																				63
23.55																																				494
23.15																																				56
22.75																																				542
22.35																																				1632
21.95																																				935
21.55																																				2369
21.15																																				344
20.75																																				960
20.35																																				1159
19.95																																				343
19.55																																				282
19.15																																				33
18.75																																				62
18.35																																				33
17.95																																				2
17.55																																				2
17.15																																				4
TOTALS	1	4	14	22	81	191	392	550	979	1196	1266	1230	1125	889	540	504	241	84	67	16	16	3	2	1										9414		

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.444)

FOR X ... MEAN = 18.68 S.D. = 0.86 ... REQ EQ-- X = 0.360* Y + 11.072 / S.E. = 0.77
FOR Y ... MEAN = 21.13 S.D. = 1.06 ... REQ EQ-- Y = 0.549* X + 10.879 / S.E. = 0.95



Hand

Measure circumference of right hand around base of fingers.

.....A BIVARIATE FREQUENCY TABLE FOR

X = PALM LENGTH
AND
Y = HAND BREADTH

Y \ X =	8	8	8	9	9	9	9	9	9	10	10	10	10	10	10	11	11	11	11	11	11	12	12	12	12	TOTALS		
= /	.45	.65	.85	.05	.25	.45	.65	.85	.05	.25	.45	.65	.85	.05	.25	.45	.65	.85	.05	.25	.45	.65	.85	.05	.25	.45	.65	TOTALS
10.95																											1	
10.75																											0	
10.55																											0	
10.35																											2	
10.15																											5	
9.95																											2	
9.75																											40	
9.55																											98	
9.35																											248	
9.15																											593	
8.95																											993	
8.75																											1868	
8.55																											1485	
8.35																											1701	
8.15																											1252	
7.95																											657	
7.75																											331	
7.55																											109	
7.35																											21	
7.15																											7	
6.95																											2	
TOTALS	3	2	12	42	90	226	413	588	1299	1471	1482	1228	968	793	395	244	119	53	29	8	2	1	9414					

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.460)

FOR X ... MEAN = 10.45 S.D. = 0.52 ... REQ EQ-- X = 0.577* Y + 5.413 / S.E. = 0.47
FOR Y ... MEAN = 8.73 S.D. = 0.42 ... REQ EQ-- Y = 0.366* X + 4.907 / S.E. = 0.37

Hand Breadth



With right hand in same position as for No. 10, 10, 10, 20, measure maximum breadth across base of fingers.

.....A BIVARIATE FREQUENCY TABLE FOR

X = PALM LENGTH
AND
Y = WRIST CIRCUMFERENCE

Y \ X =	8	8	8	9	9	9	9	9	9	10	10	10	10	10	10	11	11	11	11	11	11	12	12	12	12	12	TOTALS	
= /	.45	.65	.85	.05	.25	.45	.65	.85	.05	.25	.45	.65	.85	.05	.25	.45	.65	.85	.05	.25	.45	.65	.85	.05	.25	.45	.65	TOTALS
20.40																												1
20.10																												11
19.80																												0
19.50																												14
19.20																												12
18.90																												145
18.60																												131
18.30																												79
18.00																												868
17.70																												172
17.40																												652
17.10																												2231
16.80																												376
16.50																												1214
16.20																												451
15.90																												1769
15.60																												547
15.30																												223
15.00																												380
14.70																												38
14.40																												59
14.10																												37
13.80																												0
13.50																												4
TOTALS	3	2	12	42	90	226	413	588	1299	1417	1482	1228	968	793	395	244	119	53	29	8	2	1	9414					

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.361)

FOR X ... MEAN = 10.45 S.D. = 0.52 ... REQ EQ-- X = 0.204* Y + 7.051 / S.E. = 0.49
FOR Y ... MEAN = 16.67 S.D. = 0.93 ... REQ EQ-- Y = 0.637* X + 10.012 / S.E. = 0.86



Wrist

Measure circumference of right wrist above protrusion of the wristbone.

-----A BIVARIATE FREQUENCY TABLE FOR

X = PALM LENGTH
AND
Y = HAND CIRCUMFERENCE

Y \ X=	8	8	8	9	9	9	9	9	9	10	10	10	10	10	10	11	11	11	11	11	11	12	12	12	12	12	TOTALS
=/	.45	.65	.85	.05	.25	.45	.65	.85	.05	.25	.45	.65	.85	.05	.25	.45	.65	.85	.05	.25	.45	.65	.85	.05	.25	.45	.65
25.95																											1
25.55																											0
25.15																											5
24.75																											0
24.35																											13
23.95																											82
23.55																											63
23.15																											494
22.75																											56
22.35																											542
21.95																											1632
21.55																											935
21.15																											2369
20.75																											344
20.35																											960
19.95																											1159
19.55																											343
19.15																											282
18.75																											33
18.35																											62
17.95																											33
17.55																											2
17.15																											4
TOTALS	3	2	12	42	90	226	413	588	1299	1417	1482	1228	968	793	395	244	119	53	29	8	2	1	9414				

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.367)

FOR X ... MEAN = 10.45 S.D. = 0.52 ... REQ EQ-- X = 0.181* Y + 6.626 / S.E. = 0.49
FOR Y ... MEAN = 21.13 S.D. = 1.06 ... REQ EQ-- Y = 0.745* X + 13.348 / S.E. = 0.99



Hand

Measure circumference of right hand around base of fingers.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HAND BREADTH
AND
Y = WRIST CIRCUMFERENCE

Y \ X =	6	7	7	7	7	7	8	8	8	8	8	8	9	9	9	9	9	9	10	10	10	10	10	TOTALS
= /	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95	.75	.95	TOTALS
20.40																								1
20.10																								11
19.80																								0
19.50																								14
19.20																								12
18.90																								145
18.60																								131
18.30																								79
18.00																								868
17.70																								172
17.40																								652
17.10																								2231
16.80																								376
16.50																								1214
16.20																								451
15.90																								1769
15.60																								547
15.30																								223
15.00																								380
14.70																								38
14.40																								59
14.10																								37
13.80																								0
13.50																								4
TOTALS	1	2	7	21	109	331	657	1252	1701	1485	1868	993	593	248	98	40	5	2	0	0	0	1	9414	

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.578)

FOR X ... MEAN = 8.73 S.D. = 0.42 ... REQ EQ-- X = 0.261* Y + 4.382 / S.E. = 0.34
FOR Y ... MEAN = 16.67 S.D. = 0.93 ... REQ EQ-- Y = 1.282* X + 5.474 / S.E. = 0.76



Wrist

Measure circumference of right wrist above protrusion of the wristbone.

.....A BIVARIATE FREQUENCY TABLE FOR

X = HAND BREADTH
AND
Y = HAND CIRCUMFERENCE

Y \ X =	6	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	10	10	10	10	10	10	TOTALS		
= /	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95	.15	.35	.55	.75	.95
25.95																																				1
25.55																																				0
25.15																																				5
24.75																																				0
24.35																																				13
24.35																																				82
23.95																																				63
23.55																																				494
23.15																																				56
22.75																																				542
22.35																																				1632
21.95																																				935
21.55																																				2369
21.15																																				344
20.75																																				960
20.35																																				1159
19.95																																				343
19.55																																				282
19.15																																				33
18.75																																				62
18.35																																				33
17.95																																				2
17.55																																				4
17.15																																				
TOTALS	1	2	7	21	109	331	657	1252	1701	1485	1868	993	593	248	98	40	5	2	0	0	1	9414														

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.742)
 FOR X ... MEAN = 8.73 S.D. = 0.42 ... REQ EQ-- X = 0.291* Y + 2.582 / S.E. = 0.28
 FOR Y ... MEAN = 21.13 S.D. = 1.06 ... REQ EQ-- Y = 1.887* X + 4.656 / S.E. = 0.71



Hand

Measure circumference of right hand around base of fingers.

.....A BIVARIATE FREQUENCY TABLE FOR

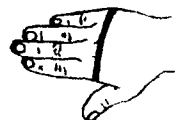
X = WRIST CIRCUMFERENCE
AND
Y = HAND CIRCUMFERENCE

Y/X=	13 .50	13 .80	14 .10	14 .40	14 .70	15 .00	15 .30	15 .60	15 .90	16 .20	16 .50	16 .80	17 .10	17 .40	17 .70	18 .00	18 .30	18 .60	18 .90	19 .20	19 .50	19 .80	20 .10	20 .40	TOTALS
25.95																									1
25.55																									0
25.15																									5
24.75																									0
24.35																									1
23.95																									3
23.55																									2
23.15																									3
22.75																									3
22.35																									1
21.95																									1
21.55																									1
21.15																									1
20.75																									1
20.35																									1
19.95																									1
19.55																									1
19.15																									1
18.75																									1
18.35																									1
17.95																									2
17.55																									2
17.15																									4
TOTALS	4	0	37	59	38	380	223	5471769	4511214	3762231	652	172	868	79	131	145	12	14	0	11	1	9414			

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.696)

FOR X ...	MEAN = 16.67	S.D. = 0.93	... REQ EQ--	X = 0.606*	Y + 3.862	/ S.E. = 0.66
FOR Y ...	MEAN = 21.13	S.D. = 1.06	... REQ EQ--	Y = 0.799*	X + 7.815	/ S.E. = 0.76

Hand

Measure circumference of right hand around base of fingers.

.....A BIVARIATE FREQUENCY TABLE FOR

X =CHEST CIRCUMFERENCE

AND

Y =SLEEVE LENGTH (SPINE TO WRIST)

Y \ X=	74	76	79	81	84	86	89	91	94	96	99	101	104	106	109	111	114	116	119	121	124	TOTALS
=/	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	
99.00									1													1
97.50											1											1
96.00												1										3
94.50													1									3
93.00														1								3
91.50															1							3
90.00																1						3
88.50																	1					3
87.00																		1				3
85.50																			1			3
84.00																				1		3
82.50																					1	3
81.00																					1	3
79.00																					1	3
78.00																					1	3
76.50																					1	3
75.00																					1	3
73.50																					1	3
72.00																					1	3
70.50																					1	3
69.00																					1	3
TOTALS	4	32	120	382	965	1480	2068	1617	1289	640	393	159	111	82	45	15	7	2	0	2	1	9414

SUMMARY STATISTICS

FOR X ... MEAN = 90.37 S.D. = 5.46 ... REQ EQ-- X = 0.658* Y + 36.319 / S.E. = 4.94
 FOR Y ... MEAN = 82.15 S.D. = 3.50 ... REQ EQ-- Y = 0.271* X + 57.656 / S.E. = 3.17

(CORRELATION COEFFICIENT = 0.422)

Sleeve Length

Subject's upper arms are raised and pointing horizontally, fore-arms crooked at a 90-degree angle, and hands making fists. Place the two fists against each other in front, knuckles touching. Measure from spinal crease, over the right elbow, to right wrist (middle of styloid process).



.....A BIVARIATE FREQUENCY TABLE FOR

X =CHEST CIRCUMFERENCE
AND
Y =WAIST CIRCUMFERENCE

Y \ X=	74	76	79	81	84	86	89	91	94	96	99	101	104	106	109	111	114	116	119	121	124	TOTALS
=/	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.00
114.50																						1
112.00																						0
109.50																						4
107.00																						9
104.50																						13
102.00																						30
99.50																						47
97.00																						76
94.50																						93
92.00																						137
89.50																						198
87.00																						341
84.50																						596
82.00																						978
79.50																						1277
77.00																						1638
74.50																						1420
72.00																						1289
69.50																						771
67.00																						353
64.50																						111
62.00																						29
59.50																						3
TOTALS	4	32	120	382	965	1480	2068	1617	1289	640	393	159	111	82	45	15	7	2	0	2	1	9414

(CORRELATION COEFFICIENT = 0.781)

SUMMARY STATISTICS

FOR X ... MEAN = 90.37 S.D. = 5.46 ... REQ EQ-- X = 0.635* Y + 41.137 / S.E. = 3.40
FOR Y ... MEAN = 77.53 S.D. = 6.71 ... REQ EQ-- Y = 0.961* X - 9.312 / S.E. = 4.19

Wrist

Measure circumference of right
wrist above protrusion of the
wristbone.



.....A RIVARIATE FREQUENCY TABLE FOR

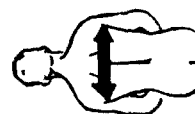
X =CHEST CIRCUMFERENCE
AND
Y =INTERSCYE BREADTH

Y \ X =	74	76	79	81	84	86	89	91	94	96	99	101	104	106	109	111	114	116	119	121	124	TOTALS
=/	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	TOTALS
52.25										1												1
51.25									1	1						1						1
50.25									1	1												5
49.25				1			1	2	4	3	1	1				1						13
48.25					2		1	1	3	10	3	2				1						20
47.25							1	1	4	10	2	1	6			3						46
46.25							4	4	15	12	13	5	6									94
45.25					2		2	19	23	17	18	6	12	8	4	1						140
44.25					2		17	47	53	43	30	14	10	6	6	1						291
43.25			1		2		12	39	86	75	52	21	11	15	7	2						553
42.25							2	10	30	82	55	26	18	16	2	1						741
41.25								12	40	73	46	17	16	5	5	1						857
40.25								25	99	217	90	78	26	18	11	2						1457
39.25								3	10	37	81	47	24	7	6	1						1259
38.25								1	6	34	67	20	7	3	1	2						1113
37.25										11	39	11	4	2								933
36.25										2	67	14	4	2								714
35.25										3	26	50	21	5								499
34.25										1	6	27	11	4								343
33.25											8	12	70	36	8							174
32.25											4	13	19	38	18							94
31.25											1	6	18	15	23	11						48
30.25											3	3	12	8	7							16
29.25											1	3	1	5	3							1
28.25																						1
TOTALS	4	32	120	382	965	1480	2068	1617	1289	640	393	159	111	82	45	15	7	2	0	2	1	9414

(CORRELATION COEFFICIENT = 0.468)

SUMMARY STATISTICS

FOR X ... MEAN = 90.37 S.D. = 5.46 ... REQ EQ-- X = 0.843* Y + 57.311 / S.E. = 4.82
FOR Y ... MEAN = 39.22 S.D. = 3.03 ... REQ EQ-- Y = 0.259* X + 15.811 / S.E. = 2.68



Interscye Breadth

Subject's arms are hanging down.
Measure across back between arm-pit creases (scye points).

.....A BIVARIATE FREQUENCY TABLE FOR

X = CHEST CIRCUMFERENCE
AND
Y = BACK-WAIST LENGTH

Y \ X =	74	76	79	81	84	86	89	91	94	96	99	101	104	106	109	111	114	116	119	121	124	TOTALS
= /	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	TOTALS
59.25																						1
58.25																						0
57.25																						6
56.25																						7
55.25																						18
54.25																						44
53.25																						104
52.25																						234
51.25																						358
50.25																						924
49.25																						1402
48.25																						1276
47.25																						1403
46.25																						1047
45.25																						770
44.25																						446
43.25																						286
42.25																						132
41.25																						59
40.25																						18
39.25																						8
38.25																						15
37.25																						5
36.25																						3
35.25																						
TOTALS	4	32	120	382	965	1480	2068	1617	1289	640	393	159	111	82	45	15	7	2	0	2	1	9414

(CORRELATION COEFFICIENT = 0.315)

SUMMARY STATISTICS

FOR X ... MEAN = 90.37 S.D. = 5.46 ... REQ EQ-- X = 0.632# Y + 60.614 / S.E. = 5.18
FOR Y ... MEAN = 47.08 S.D. = 2.72 ... REQ EQ-- Y = 0.157# X + 32.895 / S.E. = 2.58



Back-Waist Length

Measure along spinal crease of back from base of neck to level of waist (top of hip bones).

.....A RIVARIATE FREQUENCY TABLE FOR

X =CHEST CIRCUMFERENCE

AND

Y =SLEEVE INSEAM

Y \ X=	74	76	79	81	84	86	89	91	94	96	99	101	104	106	109	111	114	116	119	121	124	TOTALS
=/	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	TOTALS
58.75																						1
57.75																						1
56.75																						0
55.75																						2
54.75																						9
53.75																						18
52.75																						50
51.75																						157
50.75																						165
49.75																						838
48.75																						1095
47.75																						1450
46.75																						1525
45.75																						1618
44.75																						1142
43.75																						730
42.75																						359
41.75																						150
40.75																						51
39.75																						39
38.75																						13
37.75																						1
TOTALS	4	32	120	382	965	1480	2068	1617	1289	640	393	159	111	82	45	15	7	2	0	2	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.188)

FOR X ... MEAN = 90.37 S.D. = 5.46 ... REQ EQ-- X = 0.445* Y + 69.605 / S.E. = 5.36
 FOR Y ... MEAN = 46.67 S.D. = 2.30 ... REQ EQ-- Y = 0.079* X + 39.526 / S.E. = 2.26

Sleeve Inseam



Subject's arms and fingers are straight and right arm is held away from the body at a 45-degree angle. Measure distance from front edge of right armpit to notch between thumb and wrist.

.....A BIVARIATE FREQUENCY TABLE FOR

X = CHEST CIRCUMFERENCE
AND
Y = NECK CIRCUMFERENCE

Y \ X =	74	76	79	81	84	86	89	91	94	96	99	101	104	106	109	111	114	116	119	121	124	TOTALS
= /	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	
45.25																						1
44.25																						10
43.25																						11
42.25																						51
41.25																						109
40.25																						277
39.25																						540
38.25																						995
37.25																						1649
36.25																						2153
35.25																						1899
34.25																						1162
33.25																						428
32.25																						101
31.25																						25
30.25																						3
TOTALS	4	32	120	382	965	1480	2068	1617	1289	640	393	159	111	82	45	15	7	2	0	2	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.736)

FOR X ... MEAN = 90.37 S.D. = 5.46 ... REQ EQ-- X = 2.158* Y + 11.946 / S.E. = 3.70
FOR Y ... MEAN = 36.34 S.D. = 1.86 ... REQ EQ-- Y = 0.251* X + 13.658 / S.E. = 1.26

Neck

Measure circumference just below
top of Adams's apple.



.....A BIVARIATE FREQUENCY TABLE FOR

X =CHEST CIRCUMFERENCE
AND
Y =HIP CIRCUMFERENCE

Y/X=	74	76	79	81	84	86	89	91	94	96	99	101	104	106	109	111	114	116	119	121	124	TOTALS
=/	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	TOTALS
124.25																						1
122.25																						0
120.25																						0
118.25																						0
116.25																						0
114.25																						2
112.25																						8
110.25																						10
108.25																						16
106.25																						55
104.25																						85
102.25																						144
100.25																						254
98.25																						490
96.25																						780
94.25																						1221
92.25																						1618
90.25																						1702
88.25																						1370
86.25																						909
84.25																						485
82.25																						191
80.25																						61
78.25																						10
76.25																						2
TOTALS	4	32	120	382	965	1480	2068	1617	1289	640	393	159	111	82	45	15	7	2	0	2	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.783)

FOR X ... MEAN = 90.37 S.D. = 5.46 ... REQ EQ-- X = 0.892* Y + 8.637 / S.E. = 3.39
FOR Y ... MEAN = 91.63 S.D. = 4.79 ... REQ EQ-- Y = 0.688* X + 29.455 / S.E. = 2.98



HIP

Measure circumference around
hips at level of greatest
buttock protrusion.

.....A BIVARIATE FREQUENCY TABLE FOR

X = NECK CIRCUMFERENCE
AND
Y = SLEEVE LENGTH (SPINE TO WRIST)

Y/X=	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	TOTALS
=/	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	
99.00																	1
97.50																	1
96.00																	3
94.50																	3
93.00																	23
91.50																	34
90.00																	137
88.50																	326
87.00																	599
85.50																	1029
84.00																	1333
82.50																	1655
81.00																	1194
79.50																	1596
78.00																	772
76.50																	400
75.00																	174
73.50																	96
72.00																	23
70.50																	14
69.00																	1
TOTALS	3	25	101	428	1162	1899	2153	1649	995	540	277	109	51	11	10	1	9414

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.341)

FOR X ... MEAN = 36.34 S.D. = 1.86 ... REQ EQ-- X = 0.181* Y + 21.473 / S.E. = 1.75
FOR Y ... MEAN = 82.15 S.D. = 3.50 ... REQ EQ-- Y = 0.642* X + 58.815 / S.E. = 3.29

Sleeve Length

Subject's upper arms are raised and pointing horizontally, forearm crooked at a 90-degree angle, and hands making fists. Place the two fists against each other in front, knuckles touching. Measure from spinal crease, over the right elbow, to right wrist (middle of styloid process).



.....A BIVARIATE FREQUENCY TABLE FOR

X = SITTING HEIGHT

AND

Y = FUNCTIONAL ARM REACH-FORWARD

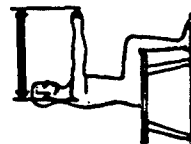
Y \ X =	75	76	78	79	81	82	84	85	87	88	90	91	93	94	96	97	99	100	TOTALS
= /	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	4
93.50																			3
92.00																			3
90.50																			3
89.00																			39
87.50																			47
86.00																			120
84.50																			241
83.00																			484
81.50																			686
80.00																			916
78.50																			1185
77.00																			1373
75.50																			1260
74.00																			1184
72.50																			883
71.00																			552
69.50																			235
68.00																			128
66.50																			37
65.00																			20
63.50																			9
62.00																			5
TOTALS	1	4	14	71	173	460	850	1404	1633	1614	1390	954	495	233	85	25	6	2	9414

SUMMARY STATISTICS

FOR X ... MEAN = 87.87 S.D. = 3.26 ... REQ EQ-- X = 0.246* Y + 68.978 / S.E. = 3.10
 FOR Y ... MEAN = 76.79 S.D. = 4.14 ... REQ EQ-- Y = 0.396* X + 41.996 / S.E. = 3.93

(CORRELATION COEFFICIENT = 0.312)

Arm Reach Forward



Subject's right arm and fingers are extended forward parallel to the floor. Measure distance from back of right shoulder (greatest bulge of trapezius) to tip of middle finger.

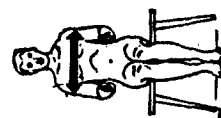
.....A BIVARIATE FREQUENCY TABLE FOR

X =SITTING HEIGHT
AND
Y =SHOULDER BREADTH

Y / X =	75	76	78	79	81	82	84	85	87	88	90	91	93	94	96	97	99	100	TOTALS
=/	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	2
54.25											1	1	1	1					3
53.25																			1
52.25									2	2	2	3	3	2	1				15
51.25							2	1	2	3	1	7	5	4	1	1		2	29
50.25								2	6	10	16	20	8	4	2	1			69
49.25									9	22	18	14	14	3	4				95
48.25				1			1	1	9	22	18	14	14	3	4				194
47.25					1	2	12	29	42	55	63	59	42	26	5	1	1		338
46.25				1	1	7	22	51	77	118	96	103	60	38	11	4	1		590
45.25				1	4	26	48	97	169	206	221	162	69	51	22	5	1		1082
44.25				1	14	34	93	219	261	263	253	171	91	33	18	5			1456
43.25				2	5	12	60	163	249	317	320	288	148	73	27	4	3		1671
42.25				2	9	45	89	189	285	343	297	195	113	62	19	8	1		1657
41.25				3	16	35	113	132	227	214	162	125	67	31	8	1	1		1135
40.25				3	4	13	68	105	134	109	84	43	31	9	5	1			644
39.25				3	4	13	68	105	134	109	84	43	31	9	5	1			282
38.25	1	1	2	9	11	32	55	60	52	26	19	9	5	2					117
37.25		1	1	11	11	20	23	24	11	5	7	2	2						21
36.25			3	4	5	2	2	2	1	4									8
35.25				1	1	2	1	2	1	1									4
34.25				1	1	1	2												
TOTALS	1	4	14	71	173	460	850	1404	1633	1614	1389	954	495	233	85	25	6	2	9413

SUMMARY STATISTICS (CORRELATION COEFFICIENT = 0.403)

FOR X ... MEAN = 87.87 S.D. = 3.26 ... REQ EQ-- X = 0.561* Y + 64.065 / S.E. = 2.99
FOR Y ... MEAN = 42.43 S.D. = 2.35 ... REQ EQ-- Y = 0.290* X + 16.949 / S.E. = 2.15



Shoulder Breadth

Subject's upper arms hang down at his sides and forearms are extended forward at right angles, elbows against the body. Measure the maximum distance across the upper arm muscles.

.....A BIVARIATE FREQUENCY TABLE FOR

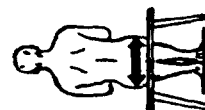
X = SITTING HEIGHT
AND
Y = HIP BREADTH-SITTING

Y \ X =	75	76	78	79	81	82	84	85	87	88	90	91	93	94	96	97	99	100	TOTALS
= /	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	
42.25												1							1
41.25											1								2
40.25											1	3	2	1					9
39.25									5	7	6	4	4	6	2	1		1	36
38.25						1		3	7	10	14	19	14	11	2	1			82
37.25					1		2	14	20	29	40	34	23	19	8	3	2		195
36.25				1		3	9	19	40	72	88	95	56	36	18	7	2		446
35.25					1	9	23	58	93	162	180	143	87	41	18	3	1		819
34.25					1	4	27	76	155	232	278	298	205	116	47	19	6	1	1465
33.25						2	19	69	166	304	392	421	334	229	102	43	11		2097
32.25						1	12	40	111	227	388	454	371	272	152	63	22		2117
31.25						2	17	46	132	192	294	267	193	113	53	21	6		1340
30.25						1	4	19	37	77	119	127	103	61	34	15	5	1	603
29.25						2	4	14	15	24	31	39	18	9	9	1			166
28.25							1	5	8	6	3	3							27
27.25																			7
TOTALS	1	4	14	71	173	460	850	1404	1632	1614	1389	954	495	233	85	25	6	2	9412

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.473)

FOR X ... MEAN = 87.87 S.D. = 3.26 ... REQ EQ-- X = 0.841* Y + 60.020 / S.E. = 2.87
FOR Y ... MEAN = 33.11 S.D. = 1.84 ... REQ EQ-- Y = 0.266* X + 9.741 / S.E. = 1.62



Hip Breadth, Sitting

Measure maximum distance across the hips.

.....A BIVARIATE FREQUENCY TABLE FOR

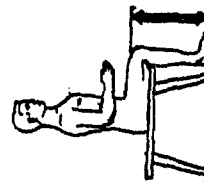
X =SITTING HEIGHT
AND
Y =KNEE HEIGHT-SITTING

Y \ X=	75	76	78	79	81	82	84	85	87	88	90	91	93	94	96	97	99	100	TOTALS
=/	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	
60.75																			1
59.75																			6
58.75																			12
57.75																			49
56.75																			123
55.75																			303
54.75																			515
53.75																			1009
52.75																			1425
51.75																			1716
50.75																			1536
49.75																			1330
48.75																			723
47.75																			437
46.75																			151
45.75																			53
44.75																			25
TOTALS	1	4	14	71	173	460	850	1404	1633	1614	1390	954	495	233	85	25	6	2	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.529)

FOR X ... MEAN = 87.87 S.D. = 3.26 ... REQ EQ-- X = 0.774* Y + 47.985 / S.E. = 2.77
FOR Y ... MEAN = 51.53 S.D. = 2.23 ... REQ EQ-- Y = 0.361* X + 19.809 / S.E. = 1.89



Knee Height

Measure vertical distance from
footrest to top of right knee.

.....A BIVARIATE FREQUENCY TABLE FOR

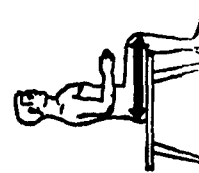
X = SITTING HEIGHT
AND
Y = BUTTOCK-KNEE LENGTH

Y \ X =	75	76	78	79	81	82	84	85	87	88	90	91	93	94	96	97	99	100	TOTALS
= /	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	2
65.25								1							1				3
64.25									1			4	4						14
63.25							1	1	1	1	6	6	3	5	2	4		1	31
62.25						1		1	7	12	19	22	15	14	9	4			104
61.25							4	9	17	28	44	44	38	18	14	1			218
60.25					1	3	17	20	59	64	96	90	61	35	16	3	1		466
59.25					3	9	26	68	114	157	166	127	80	40	17	3	3	1	814
58.25					4	25	53	134	170	230	234	174	73	46	13	5	1		1162
57.25																			1461
56.25					4	8	38	104	194	269	288	248	183	93	27	4	1		1603
55.25					9	19	69	137	255	332	312	232	146	61	22	7	2		1453
54.25					4	11	31	92	169	281	264	263	185	92	41	17	2	1	1017
53.25					4	14	36	86	161	217	205	143	92	38	18				629
52.25					1	3	8	26	64	99	149	127	76	42	27	5	2		265
51.25					2	1	14	33	33	47	47	28	14	1					119
50.25					1	2	5	2	13	7	8	2	3						44
49.25									1	1									5
48.25																			3
47.25																			
TOTALS	1	4	14	71	173	460	850	1404	1633	1614	1389	954	495	233	85	25	6	2	9413

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.468)

FOR X ... MEAN = 87.87 S.D. = 3.26 ... REQ EQ-- X = 0.647* Y + 51.910 / S.E. = 2.88
FOR Y ... MEAN = 55.58 S.D. = 2.36 ... REQ EQ-- Y = 0.338* X + 25.877 / S.E. = 2.08



Buttock-Knee Length

Measure distance from rear projection of right buttock to front of right kneecap.

.....A BIVARIATE FREQUENCY TABLE FOR

X = WAIST CIRCUMFERENCE
AND
Y = WAIST (TOP OF HIP BONE) HEIGHT

Y/X =	59	62	64	67	69	72	74	77	79	82	84	87	89	92	94	97	99	102	104	107	109	112	114	TOTALS
=/	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	
120.00								1																1
118.50								1																0
117.00								1																2
115.50								1																7
114.00								1																5
112.50								1																40
111.00								1																73
109.50								1																136
108.00								1																252
106.50								1																459
105.00								1																695
103.50								1																932
102.00								1																1152
100.50								1																1150
99.00								1																1290
97.50								1																1077
96.00								1																870
94.50								1																563
93.00								1																408
91.50								1																169
90.00								1																77
88.50								1																30
87.00								1																12
85.50								1																4
84.00								1																2
TOTALS	3	29	111	353	771	1289	1420	1638	1277	978	596	341	198	137	93	76	47	30	13	9	4	0	1	9414

SUMMARY STATISTICS

FOR X ... MEAN = 77.53 S.D. = 6.71 ... REQ EQ-- X = 0.255* Y + 51.999 / S.E. = 6.62
FOR Y ... MEAN = 100.14 S.D. = 4.43 ... REQ EQ-- Y = 0.111* X + 91.536 / S.E. = 4.36

(CORRELATION COEFFICIENT = 0.168)



Waist Height

Subject stands erect. Measure vertical distance from floor to top of right hip bone.

.....A RIVARIATE FREQUENCY TABLE FOR

X = WAIST CIRCUMFERENCE
AND
Y = HIP CIRCUMFERENCE

Y \ X	59	62	64	67	69	72	74	77	79	82	84	87	89	92	94	97	99	102	104	107	109	112	114	TOTALS
X /	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	1
124.25																								1
122.25																								0
120.25																								0
118.25																								0
116.25																								0
114.25																								2
112.25																								8
110.25																								10
108.25																								16
106.25																								55
104.25																								144
102.25																								254
100.25																								490
98.75																								780
96.25																								1221
94.25																								1618
92.25																								1702
90.25																								1370
88.25																								909
86.25																								485
84.25																								191
82.25																								61
80.25																								10
78.25																								2
76.25																								
TOTALS	3	29	111	353	771	1289	1420	1638	1277	978	596	341	198	137	93	76	47	30	13	9	4	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = 0.803)

FOR X ... MEAN = 77.53 S.D. = 6.71 ... REQ EQ--- X = 1.125* Y - 25.550 / S.E. = 4.00
FOR Y ... MEAN = 91.63 S.D. = 4.79 ... REQ EQ--- Y = 0.573* X + 47.203 / S.E. = 2.86



Hip

Measure circumference around
hips at level of greatest
buttock protrusion.

.....A BIVARIATE FREQUENCY TABLE FOR

X = WAIST CIRCUMFERENCE
AND
Y = CROTCH HEIGHT

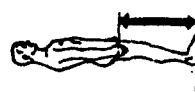
Y/X=	59	62	64	67	69	72	74	77	79	82	84	87	89	92	94	97	99	102	104	107	109	112	114	TOTALS
=/	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	1
95.00					1																			1
93.50						1																		0
92.00							1																	2
90.50								2																5
89.00									2															27
87.50										2														61
86.00											3													128
84.50												3												248
83.00													3											461
81.50														3										708
80.00															3									943
78.50																3								1206
77.00																	3							1280
75.50																		3						1374
74.00																			3					1081
72.50																				3				840
71.00																					3			489
69.50																						3		288
68.00																								177
66.50																								62
65.00																								18
63.50																								10
62.00																								4
60.50																								0
59.00																								1
TOTALS	3	29	111	353	771	1289	1420	1638	1277	978	596	341	198	137	93	76	47	30	13	9	4	0	1	9414

SUMMARY STATISTICS

(CORRELATION COEFFICIENT = -0.032)

FOR X ... MEAN = 77.53 S.D. = 6.71 ... REQ EQ-- X = -0.051* Y + 81.450 / S.E. = 6.71
FOR Y ... MEAN = 76.76 S.D. = 4.21 ... REQ EQ-- Y = -0.020* X + 78.314 / S.E. = 4.21

Crotch Height



Subject stands erect. Measure vertical distance from floor to crotch.

NOTE: The scale on the anthropometer indicates the distance from the lower edge of the anthropometer arm. Therefore, ten (10) millimeters (the width of the arm) must be added to the recorded figure to obtain the true Crotch Height.

.....A BIVARIATE FREQUENCY TABLE FOR

X = WAIST (TOP OF HIP BONE) HEIGHT
AND
Y = CROTCH HEIGHT

Y \ X=	84	85	87	88	90	91	93	94	96	97	99	100	102	103	105	106	108	109	111	112	114	115	117	118	120	TOTALS		
= /	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	.50	.00	TOTALS
95.00																											1	
93.50																											0	
92.00																											2	
90.50																											5	
89.00																											27	
87.50																											61	
86.00																											128	
84.50																											248	
83.00																											461	
81.50																											708	
80.00																											943	
78.50																											1206	
77.00																											1280	
75.50																											1374	
74.00																											1081	
72.50																											840	
71.00																											489	
69.50																											288	
68.00																											177	
66.50																											62	
65.00																											18	
63.50																											10	
62.00																											4	
60.50																											0	
59.00																											1	
TOTALS	2	4	12	30	77	169	408	563	870	1077	1290	1501	152	932	699	459	252	136	73	40	9	7	2	0	1	9414		

SUMMARY STATISTICS

FOR X ... MEAN = 100.14 S.D. = 4.43 ... REQ EQ-- X = $0.843*Y + 35.431$ / S.E. = 2.64
FOR Y ... MEAN = 76.76 S.D. = 4.21 ... REQ EQ-- Y = $0.765*X + 0.155$ / S.E. = 2.51

Crotch Height



Subject stands erect. Measure vertical distance from floor to crotch.

NOTE: The scale on the anthropometer indicates the distance from the lower edge of the anthropometer arm. Therefore, ten (10) millimeters (the width of the arm) must be added to the recorded figure to obtain the true Crotch Height.